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Frans A. Stafleu and Erik A. Mennega

Taxonomic literature

A selective guide to botanical publications and collections with dates, commentaries and types

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Contents

Notice to the Reader VI

Taxonomic Literature and Collections Be-Bo 1

Index to Titles 405

Index to Names 449

Notice to the Reader

The information in this Supplement is organized and presented exactly as in the main volumes of TL-2, and as explained in the Introduction to Volume 1. For quick visual orientation, the reader may also refer to the commented blueprint sample pages that appear inside the cover boards of Volumes 1-7, not again reproduced here. A full, cumulated list of abbreviations used throughout TL-2 can be found in Volume 7 (pp. xxv-lvi).

The asterisk (*) denotes names of authors already treated in Volume 1 of TL-2. For such authors, information under the headings "Herbarium and Types", "Bibliography and Biography", as well as in the "Biofile" (see TL-2, Vol. 4: vii), is complete, while other data are complementary to those in the main volume.

Beach, Walter Spurgeon (1890-?), American botanist, born in Brownton, Minnesota, studied at the University of Minnesota, B.S. 1914, id. at Michigan Agricultural College, M.S. 1915, Dr. phil. Bot. in the graduate school of the University of Illinois 1918, instructor in plant pathology, Pennsylvania State 1918-1919, asst. professor ib. 1919-1923, assoc. professor 1923-1948, full professor 1948-1955, emeritus professor from 1955. (*Beach*).

HERBARIUM and TYPES: MIN. – Field notes at Hunt Library.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 144 (b. 24 Jan 1890, Brownton, Minn.); Maiwald p. 2087-2090; Stevenson p. 1235.

BIOFILE: Anon., Amer. men sci. ed. 11 (1): 298. 1965.
Stieber, M.T., Huntia 4: 152. 1982.

20.459. *Biologic specialization in* the genus *Septoria* ... Thesis submitted in partial fulfillment of the requirements for the degree of doctor of philosophy in botany in the graduate school of the University of Illinois 1918 ... Lancaster, Pa. (Press of the New Era Printing Company Lancaster, Pa.) 1919. Oct.

Publ.: Jan 1919 (in journal), cover-t.p., p. [i, iii], [1]-33, *pl. 1* (uncol. phot.). *Copy*: BKL. – Reprinted and to be cited from the Amer. J. Bot. 1: 1-33. 1919.

Beal, William James (1833-1924), American (Michigan) botanist (agrostologist), studied at the University of Michigan, A.B. 1859, A.M. 1863, at Harvard B.Sc. 1865, student of Asa Gray and Louis Agassiz, teacher at the Friends Academy, Union Springs, N.Y. 1859-1868, professor of botany Michigan Agricultural College [h.t. Michigan State University] 1870-1872, id. professor of botany and horticulture (incl. forestry) 1872-1910, M.S. Chicago 1875, Ph.D. Michigan 1880 (hon.), director of the Beal Botanic Garden, East Lansing 1877-1910. (*Beal*).

HERBARIUM and TYPES: MSC, further material at MO, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 145 (b. 11 Mar 1833, Adrian, Mich., d. 12 Mai 1924, Amherst, Mass.); BL 1: 189; Hortus 3: 1188; IH 2: 62; LS 30.942-30.943; Morren ed. 10, p. 124; NW p. 40; Rehder 5(index): 59; Tucker 1: 66 (bibl.).

BIOFILE: Anon., Amer. men sci. ed. 1: 21-22. 1906; Michigan Sci. Act. 23: 1-24. 1973 (Beal centennial 1873-1973).
Baker, R.S. and Jessie Beal Baker, An American pioneer in science. The life and service of William James Beal. Amherst 1925, 94 p. (portr., biogr., tribute and evaluation; major source).
Baker, W.J., Science 59: 522. 1924.
Beal, W.J., Bull. Torrey bot. Club 17(4): 203. 10 Apr 1890 (Bot. Mus. Michigan Agr. Coll. destroyed by fire 23 Mar 1890, library saved, part of the herb. (incl. Wheeler herb.) destroyed).
Bessey, E.A., Bot. Gaz. 79: 103-106. 1925 (portr., obit., b. Adrian, Michigan, 11 Mar 1833, d. 12 Mai 1928, Amherst, Mass.); Science 61: 559-560. 1925 (obit.).
Ewan, J. et al., Short hist. bot. U.S. 11, 47, 63. 1969.
Frodin, D.G., Guide standard floras world 155 (125a, 124b). 1984.
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 378. 1938 (director Beal Bot. Gard.).
Humphrey, H.B., Makers N. Amer. Bot. 25-27. 1961.
Jones, K.J., Michigan Academician 9(3): 272-274. 1977 (biogr. details).
McKibbin, C.W., Amer. Forests and Forest Life 30: 216-217. 1924.
Pease, A.S., Fl. N. New Hampshire 39. 1964 (photograph at Michigan Agric. Coll. and Biohist. Inst. Utrecht).
Rickett, H.W., Index Bull. Torrey bot. Club 8. 1955 (his papers in BTBC).
Rodgers, A.D., Amer. bot. 1873-1892. 324 [index, 9 entries]. 1944; Liberty Hyde Bailey 490 [index, numerous entries]. 1949; Bernard Eduard Fernow 14, 59, 133, 172, 287. 1951.

Stieber, M.T. et al., Huntia 4(1): 45-46. 1981 (mss. in Hunt Institute).
Voss, E.G., Contr. Univ. Michigan Herb. 13: 73, 80-81, 86-89. 1978 (portr. on p. 88).
Voss, E.G. and G.E. Crow, Michigan Botanist 15(1): 3-4. 1976 (Across Michigan by covered wagon: a botanical expedition in 1888, with L.H. Bailey, W.J. Beal and C.F. Wheeler).
Wittrock, V.B., Acta Horti Berg. 3(2): 178. 1903, 3(3): 192. 1905 (on portr.).

20.460. *The new botany.* A lecture on the best method of teaching the science .... New York (The Rural Publishing ... Lansing 1880). Oct.
Publ.: 1880, p. [1]-15. *Copy*: HH. – Reprinted and to be cited from Trans. 29-th. Annual Meeting Michigan State Teacher's Ass. 1880 (n.v.).
Ed. 2: n.v.
Ed. 3: 1890, p. [1]-27, [28-32 adv.]. *Copy*: BKL. – Reprinted and to be cited from idem (n.v.).

20.461. *Grasses of North America.* For farmers and students. Comprising chapters on their physiology, composition, selection, improving, cultivation, management of grass lands; also chapters on clover, injurious insects and fungi ... Lansing (Thorp & Godfrey, ...) 1887. Oct. (*Grass. N. Amer.*).
Publ.: *1*: 1887 (preface p. v Jan 1887), p. [i]-xiii, [1]-457, [insert. not numbered has title facsimile and 3 pages of testimonials, obviously written after the publication of the book]. *Copies*: MO, NY.
2: 1887, p. [i]-viii, [1]-706, [i*-ii*, contents of 1 and 2 given on p. ii*], t.p. of this copy has the same text as text of vol. 1 but in different type. *Copies*: MO, NY.
Ed. 2: 1896, 2 vols., identical except for the text on t.p.'s (e.g. dated 1896), obvious a re-issue of the old sheets with new t.p.'s. *Copies*: G (vol. 2); IDC 7508.
Note: Our information on this book is obviously incomplete.
Ref.: G.V.N., Bull. Torrey bot. Club 23(12): 539-540. 28 Dec 1896 (rev.).
Coulter, J.M., Bot. Gaz. 23(3): 212-213. 24 Mar 1897 (rev. of. vol. 2).

20.462. *Index* to the names of *North American grasses.* A report presented to the Society for the promotion of agricultural science, at the Indianapolis Meeting, 1890 ... Published by Authority of the Society [1890]. Oct. (*Index N. Amer. grasses*).
Publ.: 1890, cover-t.p., p. [1]-18. *Copy*: BKL.

20.463. *Michigan flora.* Prepared for the thirtieth annual report of the secretary of the state board of agriculture ... [East Lansing] (Agriculture College, Michigan) 1892. Oct. (*Mich. fl.*).
Co-author: Charles Fay Wheeler (1842-1910), see TL-2/7: 238.
Publ.: Mai-Jun 1892 (p. 4: 25 Apr 1892, Bot. Centralbl. 31 Aug 1892, Hedwigia Sep-Oct 1892), p. [1]-180, map. *Copies*: HH, MICH, MO; IDC 7509. – Further details see BL 1: 189. Also treated as TL-2/17.398: correction: senior author William Jackson Beal (err. "William Jackson").
Additions to the Michigan flora since 1892: 1898, p. [1]-12. *Copy*: HH. – Reprinted from Rep. Bot. Dept. State Agric. Coll. Michigan 1898: 3-12 (for year closing 30 Jun 1898).
Ref.: Anon., Bot. Gaz. 17(9): 300. Sep 1892 (brief note), Bull. Torrey bot. Club 19(10): 320-321. 10 Oct 1892 (rev.).

20.464. The *sugar maples of Central Michigan* ... Read at the Brooklyn meeting of the American Association for the Advancement of sciences, ... 1894. Oct. (*Sugar maples C. Mich.*).
Publ.: 1894 (read 15 Aug 1894), cover-t.p., p. [1]-8. *Copies*: BKL, HH. – Published as Ann. Rep. Secr. State Board Agric. State Michigan 23 ("July 1 1893 to June 30 1894"). – (independent?).

20.465. *Seed dispersal* ... Boston, U.S.A. (Ginn & Company, ...) 1904. Oct. (*Seed disp.*).
Publ.: 1898, p. [1]-vii, [1]-87, [89], (n.v.)
Reprint: 1904, p. [i]-vii, [1]-87, [89]. *Copy*: MO.

20.466. *Michigan flora*: *a list* of the ferns and seed plants growing without cultivation ... Lansing (Reprinted from the fifth Report of the Michigan Academy of Science) 1904. Oct. (*Mich. fl., list*).
Publ.: 1904, p. [1]-147. *Copies*: MO, U. – Also published in Fifth ann. Rep. Michigan Acad. Sci. 1904.
Ref.: Trelease, W., Bot. Centralbl. 98: 343. 4 Apr 1905 (rev.).

Beauquesne , Lucienne (fl. 1937), French botanist and pharmacist, Dr. pharm. University of Paris. (*Beauquesne*).

HERBARIUM and TYPES: Unknown.

20.467. *Recherches sur quelques Ménispermacées* médicinales des genres Tinospora et Cocculus ... Orléans (Société nouvelle de l'Imprimerie du Loiret ...) 1937. Oct. (*Rech. Ménispermac.*).
Publ.: 1937, p. [1]-181, [183, printer's mark], *pl. 1* (map), *3*, *13* (uncol. phot.), other plates in text. *Copy*: L.

Beaurieux, R. (fl. 1914), Belgian botanist at the Institut Bot. Univ. Liège. (*Beaurieux*).

HERBARIUM and TYPES: Unknown.

20.468. *Observations* anatomiques et physiologiques sur le *Crinum capense* Herb. ... Bruxelles (Hayez, Imprimeur de l'Académie royale de Belgique ...) 1914. Oct.
Publ.: 1914, p. [1]-40, [41]. *Copy*: BKL. – Reprinted and to be cited from Mém. Soc. roy. Sci. Liège ser. 3. 11(1): 1-41. 1921 (sic!). – Also issued in Arch. Inst. Bot. Univ. Liège 5, 1914.
Note: The article of 1914 is bound in Mémoires of 1921.

***Beauverd, Gustave** (1867-1942), Swiss (Genève) botanist and artist, educated at the collège industriel; engraver with the lithographic firm of Bauknecht, also in Genève, studied at the École des Beaux-Arts; draughtsman at the Atelier Sadag 1897; from Apr 1900 curator of the Herbier Boissier until 1918; after the transfer of the herbarium to the University of Genève in 1918 curator at the University herbarium until 1940. (*Beauverd*).

HERBARIUM and TYPES: G (incl. the 18.000 nos. of B's private herbarium which came to G (G-BOIS) in 1941). – Further material at MPU.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 364; Barnhart 1: 148 (b. 20 Mar 1867); BFM 962; BJI 2: 7; BL 2: 627 (index); BM 6: 68; CSP 13: 376; Hegi 6(2): 1328; Hortus 3: 1188; IF suppl. 1: 75; IH 2: 63; Kew 1: 192-193; LS 2030, 30.954-30.955; LS suppl. 1: 2115-2120; MW p. 37; TL-2/1: 155, see indexes; Zander ed. 10, p. 633, ed. 11, p. 719.

BIOFILE: Anon., Hedwigia 60(2) Beibl.: (179). 1918 (remains curator of the Boissier herb. on the transfer to the University of Genève).
Bullock, A.A., Bibl. S. Afr. bot. 8. 1978.
Cavillier, F., Boissiera 5: 16. 1941 (on B's colls. Alpes maritimes).
Chiovenda, E., Nuovo Giorn. bot. ital. ser. 2. 31: 277-278. 1924 (publ. on Alpi Lepontine occid.).
Fuchs, H.P., Bull. Murith. 109: 119. 1991 (brief note, b. 20 Mar 1867, Genève, d. 19 Mar 1942, Clarens).
Hochreutiner, B.P.G., Revista Sudam. Bot. 7(1): 23-24. 1942 (obit.); Bull. Soc. Bot. Genève ser. 2. 33: 223-240. 1942 (obit.).
Miège, J. and Wuest, Saussurea 6: 132. 1975 (private coll. 18.000 to G in 1941).
Wittrock, V.B., Acta Horti Berg. 3(3): 205. 1905 (on portr.).

COMPOSITE WORKS: (1) *Bulletin de l'Herbier Boissier, ser. 2*, 8 vols., 1901-1908, as well as *Mémoires* id., 1 vol., 1900, G. Beauverd editor, W. Barbey sponsor.

(2) *Index botanique universel des genres, espèces et variétés de plantes* parus depuis le 1er Janvier 1901; editor G. Beauverd, sponsor W. Barbey, nos. 1-17199 published 1902-1906 as a supplement to the *Bull. Herb. Boissier.* – See TL-2/298.

NOTE: We have not found a complete bibliography of Beauverd; Hochreutiner (1942) states that the number of publications is large and possibly over 400.

20.469. *Notes sur les caractères extérieurs du Chaerophyllum hirsutum* L. d'après les matériaux des Herbiers Boissier, Barbey-Boissier et Reuter ... [Bulletin de l'Herbier Boissier 1902]. Oct.
Publ.: 31 Jul 1902 (in journal), p. [1]-24. *Copies*: G, U. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 2(8): 709-732. 1902.

20.470. *Notes floristiques sur le Massif de la Fillière* (Haute-Savoie) ... Extrait du Bulletin des travaux de la Société botanique de Genève ... [1903]. Oct.
Publ.: 1903, p. [1]-42. *Copy*: G. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 10: 56-97. 1903. – For further details and follow-up see BL 2: 157.

20.471. *Une nouvelle Gesnériacée du Transvaal* ... Extrait du Bulletin de l'Herbier Boissier ... 1907. Oct.
Publ.: 31 Jul 1907 (in journal), p. [699]-700. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 7(8): 699-700. 1907.

20.472. *Contributions à la flore du Transvaal* ... Extrait du Bulletin de l'Herbier Boissier ... 1907. Oct.
Publ.: 30 Nov 1907 (in journal), p. [1]-3. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 7(12): 1013-1015. 1907.

20.473. *Nouvelles espèces uruguayennes* du genre *Nothoscordum* Kunth ... Genève (Imprimerie Foreisen, ...) 1909. Oct.
Publ.: 5 Jan 1909 (in journal), cover-t.p., p. [1]-15. *Copies*: G, L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 8(12): 993-1007. 1909. – Last issue of the Bull. Herb. Boissier.

20.474. *Sur la flore des Aravis* septrentrionaux (Hte. Savoie) ... [Extrait de la Société Botanique de Genève ... 1909]. Oct.
Publ.: Dec 1909 (mss. submitted 8 Nov 1909; copy G inscribed to H. Léveillé signed by author 27 Dec 1909), p. [i], [1]-19. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 1(8): 298-316. 1909.

20.475. *Contribution à l'étude des Composées* [Suites 1-10], [Genève 1909-1915]. Oct.
Publ.: *Suite 1*: 31 Dec 1909 (in journal), Bull. Soc. bot. Genève ser. 2. 1(9): 364-388. 1909. – No reprint seen.
Suite 2: 28 Feb 1910 (in journal), cover-t.p., p. [1]-16. *Copies*: B, L. – Id. ser. 2. 2(2): 36-51. 1910. – Id.
Suite 3: 31 Mai 1910 (in journal), cover-t.p., p. [1]-47. *Copies*: B, L. – Id. ser. 2. 2(5): 99-145. 1910. – *Le genre Cicerbita.*
Suite 4: 30 Nov 1910 (in journal), cover-t.p., p. [1]-47. *Copies*: B, G. – Id. ser. 2. 2(8): 207-253. 1910. – *Raoulia, Psychophyton, Ewartia, Leucogenes & Leontopodium.* – Review by L. Diels, Bot. Jahrb. 46(Lit.): 2. 5 Sep 1911.
Suite 5: 30 Sep 1911 (in journal), cover-t.p., p. [1]-8. *Copies*: B, L. – Id. ser. 2. 3(6): 253-260. 1911. – a) *Deux Gnaphaliées australiennes méconnues*, b) *Leontopodium Francheti sp. nov.*
Suite 6: 31 Jan 1912 (in journal), cover-t.p., p. [i, imprint], [1]-44. *Copies*: B, L. – Id. ser. 2. 4(1-2): 12-55. 1912.
Suite 7: 30 Apr 1913 (in journal), cover-t.p. (for Suites 7 and 8), p. [i, identif. 7], [1]-8. *Copy*: B. – Id. ser. 2. 5(4): 142-149. 1913.

Suite 8: 30 Mai 1913 (in journal, read 14 Apr 1913; Allg. bot. Z. 1913), cover-t.p. (for Suites 7 and 8), p. [1]-24. *Copy*: B. – Id. ser. 2. 5(5): 205-228. 1913.
Suite 9: 31 Mai 1914 (date on p. [i]), p. [i, recto of 1], [1]-15. *Copy*: B. – Id. ser. 2. 6(5): 142-156. 1914.
Suite 10: 31 Jan and 28 Feb 1915, cover-t.p., p. [1]-36. – Id. ser. 2. 7(1): 21-56. 1915.

20.476. *Remarques sur quelques Arabettes* nouvelles ou méconnues ... Extrait du Bulletin de la Société botanique de Genève ... 1910. Oct.
Publ.: 30 Apr 1910 (in journal), p. [1]-8. *Copies*: B, G, L. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 2(4): 81-88. 1910.
Ref.: Thellung, A., Ber. Schweiz. bot. Ges. 20: 141-164. 1911 (rev.).

20.477. *Agapanthus inapertus* sp. nov. et revision des espèces et variétés du genre Agapanthus ... [Extrait du Bulletin de la Société botanique de Genève ... 1910]. Oct.
Publ.: 31 Oct 1910 (in journal, read 10 Oct 1910), p. [i, identif.], [1]-5. *Copies*: B, L. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 2(7): 194-198. 1910.

20.478. *Résumé des herborisations de 1910 dans les Alpes d'Annecy* (Savoie) ... Extrait du Bulletin de la Société botanique de Genève 1911. Oct.
Publ.: 31 Jan 1911 (in journal, read 16 Jan 1911), cover-t.p., p. [1]-56. *Copy*: U. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 3(1): 19-74. 1911.
Note by Hermann Christ on this publication: Observations sur quelques stations anormales des Alpes d'Annecy, *in* Id. ser. 2. 3(2): 119-123. 31 Mai 1911, also as reprint, p. 119-123. – *Copy*: U.

20.479. *Notes sur quelques plantes* de l'Afrique australe ... [Extrait du Bulletin de la Société Botanique de Genève ... 1911]. Oct.
Publ.: 31 Mar 1911 (in journal, mss. submitted 13 Mar 1911), p. [i], [1]-13. *Copies*: B, L, MO. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 3(3): 132-144. 1911.

20.480. *Herborisation de la Société botanique de Genève en Maurienne* des 13 au 15 avril 1911 ... [Extrait du Bulletin de la Société botanique de Genève ... 1911]. Oct.
Publ.: 31 Mai 1911 (in journal, read 8 Mai 1911), cover-t.p., p. [i], 195-232. *Copy*: U. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 3(5): 195-232. 1911.

20.481. Plantes nouvelles ou critiques de la *Flore du Bassin du Rhône* (Valais-Pays de Gex-Savoie) avec description du nouveau genre Dispermotheca ... 1911. Oct.
Publ.: 31 Oct 1911 (in journal), cover-t.p. (title more elaborate than on p. 1), p. [1]-43. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 3(8, error for 7): 297-339. 1911. – See ING 1: 563. 1979.
Suite 2: 31 Dec 1912 (in journal), cover-t.p., p. [1]-57. *Copies*: G, L. – Id. ser. 2. 4(9): 388-444. 1912.
Ref.: Baumann, E., Bot. Centralbl. 123(40): 390. 7 Oct 1913 (rev.).

20.482. Sur la distribution géographique des genres *Leontopodium* Cass. *et Cicerbita* Wallr. emend. Beauv. ... Sion (Typographie & Lithographie, T. Aymon) 1911. Oct.
Publ.: 1911, cover-t.p., p. [1]-44. *Copy*: B. – Reprinted and to be cited from Bull. Murith. 36: 77-120. 1911.

20.483. Remarques sur *le carpopode des Composées* et sur la formation accidentelle d'une écaille pappoïde observée sur un Leontopodium ... [Extrait du Bulletin de la Société botanique de Genève ... 1912]. Oct.
Publ.: 29 Feb 1912 (in journal, read 12 Feb 1912), p. [1]-3. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 4(2): 62-64. 1912.

20.484. Sur la *flore vernale de la Tarentaise* avec complément sur les colonies xerothermiques par le Baron Perrier de la Bathie ... Extrait du Bulletin de la Société botanique de Genève ... 1912. Oct.

Publ.: 31 Mai 1912 (in journal), cover-t.p., p. [i], [1]-50, [1]-4. *Copies*: G, L. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 4(5): 167-216. 1912. – Further details in BL 2: 199.

20.485. *Un nouveau Leontopodium asiatique* ... [Extrait du Bulletin de la Société botanique de Genève ... 1913]. Oct.
Publ.: 29 Nov 1913 (in journal, read 13 Oct 1913), p. [1]-3. *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 5(8): 280-282. 1913.

20.486. *Monographie du genre Melampyrum* L. ... Genève (Imprimerie Albert Kundig) 1916. Qu. (*Monogr. Melampyrum*).
Publ.: 1916, cover-t.p., p. [i, t.p.], [291]-657. *Copies*: HH, L, MO. – Issued as Mém. Soc. Phys. Hist. nat. Genève 38(6). 1916.
Ref.: Diels, L., Bot. Jahrb. 55(Lit.): 63. 25 Aug 1919 (rev.).

20.487. *Sur la flore des environs de Modane*, de Bardonnèche et de Suze ... [Bull. Soc. bot. Genève 1922]. Oct.
Publ.: 15 Mar 1922 (in journal, read 8 Jun 1914 [sic]; copy G inscribed to Briquet by author 1 Jan 1923), p. [1]-70. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 13: 115-184. 1921 [1922].

20.488. *Phanerogamarum novitates* i-v ... [Bull. Soc. bot. Genève 1922-1923].
Publ.: 15 Mar 1922 (in journal, read 16 Jan 1922), cover-t.p., p. [1]-36. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 13: 236-271. 1921 [1922].
Suite vi-x: 19 Nov 1923 (in journal), p. [1]-24. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 14: 159-182. 1923.

20.489. *Nouveautés floristiques de la Vallée de Tourtemagne* ... [Extrait du Bulletin de la Société botanique de Genève] 1924. Oct.
Publ.: 30 Apr 1924 (in journal, read 29 Nov 1923), cover-t.p., p. [1]-16. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 15: 273-288. 1924.

20.490. Faune y Flora de la República del Uruguay. *Plantas nuevas en la flora del Uruguay* (1er fascículo) ... [Montevideo] 1925. Oct. (*Pl. nuev. fl. Uruguay*).
Co-author: Florentino Felippone (*fl.* 1925).
Publ.: 1925, cover-t.p., p. [1]-8. *Copy*: U.

20.491. *Polymorphisme de quelques plantes du Massif de la Vanoise* (Savoie) ... Extrait du "Bulletin de la Société botanique de Genève" ... 1931. Oct.
Publ.: 15 Mar 1931 (read 20 Jan 1930, date on p. 1 in journal), cover-t.p., p. [1]-26. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 22: 439-464. 1931.

20.492. *Une nouvelle Liliacée* du Sud-Algérien ... Candollea ... 1938. Oct.
Publ.: Aug 1938 (in journal), p. [1]-4. *Copy*: G. – Reprinted and to be cited from Candollea 7: 370-373. 1938.

20.493. *L'odyssée de quelques plantes valaisannes* (Contribution à l'histoire naturelle du Valais) ... Extrait de la revue Les Alpes ... 1941. Oct.
Publ.: 1941, p. [201]-206 ([207] unnumb. page pictures). *Copy*: BKL. – Reprinted and to be cited from Les Alpes 1941(6): 201-206, [207].

***Beauverie, Jean** [Jules] (1874-1938), French (Lyonnais) botanist (mycologist, bacteriologist, cytologist), "préparateur" at the Faculté des Sciences de Lyon 1894, maître de conférences at the Faculté des Sciences de Nancy 1912, professor at the Faculté des Sciences de Clermont-Ferrand 1919, id. at Lyon 1923-1938. (*Beauverie*).

HERBARIUM and TYPES: LY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 148; BL 2: 115; BM 6: 68; CSP 13: 376; Kew 1: 193; Langman p. 121; LS 2031-2048, 30.956-30.969; LS suppl. 2121-2168; MW p. 37; Stevenson p. 1235; TL-2/1: 155; Tucker 1: 66, 765.

BIOFILE: Anon., Bot. Centralbl. 117(30): 96. 25 Jul 1911 (Prix Montagne), 125(9): 240. 1914 (prof. adj.), 141(7): 112. 1919 (appt. Clermont-Ferrand); Hedwigia 53 (Beibl.) (3): 234. 1913 (Maître de conférence Nancy), 55 (Beibl.) (1): 72. 1914 (prof. adj. Nancy), 62 (Beibl.) (1): 83. 1920 (prof. bot. Clermond-Ferrand); ÖBZ 63: 136. 1913 (appt. 1914 Nancy), 69: 80. 1920 (appt. Clermont-Ferrand [1919]); Bull. Soc. bot. France 66(5-6): 259. 1919 (appt. prof. bot. Clermond-Ferrand); Nat. Nov. 22: 226. 1920 (appt. prof. bot. Clermond-Ferrand).

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Publ.: *Thesis issue*: 1900 (exact date not given), cover-t.p., p. [1]-266, [267, 269]. *Copies*: GOET, L.
Regular issue: 1900, p. [i-v], [1]-266, [267]. *Copies*: BR, KNAW. – Issued as Ann. Univ. Lyon ser. 2. I. Sci. méd. fasc. 3, Paris (Librairie J.-B. Baillière et fils ...), Lyon (A. Rey, imprimeur-éditeur) 1900. Oct.

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Publ.: Feb 1900, 270 p. (n.v.).
Abstract: Feb 1900, p. [51]-72. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Sci. nat. Sâone Loire ser. 2. 6(2): 51-72. Feb 1900.

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Publ.: 1913, p. [i*-ii*, advert.], [i]-xiii, [1]-730. *Copy*: L.

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Publ.: Apr 1932 (on p. [66]: "4-32"), p. [1]-64, [66]. *Copy*: G.

20.498. Cours de botanique professé à la Faculté des Sciences de Lyon ... *Les Gymnospermes* vivantes et fossiles ... Lyon (Bosc frères, M. et L. Riou ...) 1933. Oct. (Qu. size) (*Gymnospermes*).
Publ.: *Text*: 1933, cover-t.p., p. [i-iii], [1]-160.
Atlas des planches: 1933, p. [i, t.p.], *pl. 1-38*, [iii, contents].
Copies: BR, U.

20.499. Les cours de l'Univerité de Lyon. Cours de botanique. *Les cryptogames vasculaires* vivantes et fossiles ... Paris (Centre de documentation universitaire) 1936. Qu. (size). (*Crypt. vasc.*).
Publ.: *Text*: 1936, cover-t.p., p. [i-ii], [1]-158. *Copy*: U.
Plates: 1936, cover-t.p. ("Atlas de planches"), *pl. i-xlvi* (uncol. drawings). *Copy*: U.

Beauvisage, Georges Eugène Charles (1852-1925), French medical botanist; employed with the "Caisses des Dépôts et Consignations" 1869-1875, Paris, Dr. med. Paris 1881, lecturer at the Medical and Pharmaceutical Faculty at Lyon 1883, teaching botany; set up a botanical garden 1887, professor h.c. at this faculty 1903; alderman at Lyon from 1895, member of the senate of the Dépt. du Rhône. (*Beauvis.*).

HERBARIUM and TYPES: Material at G, sometimes attributed to him, was collected by Rev. Père Xavier Montrouzier (1820-1897), see IH 2: 553 and TL-2/3: 565-566. – Part of the Montrouzier collections are also at MPU, however, the main part of Montrouzier's New Caledonian collections are at LY.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 59 (detailed biogr. account); Barnhart 1: 148 (b. Paris 29 Jan 1852, d. 1925); BJI 2: 7; BL 1: 119; BM 1: 117; CSP 13: 376-377; IH 2: 63 (see above); LS 2049-2051; Rehder 1: 82, 509, 2: 47, 290, 362, 771, 3: 229, 522; Tucker 1: 66-67.

BIOFILE: Merrill, E.D., Bull. B.P. Bishop Mus. 144: 42-43. 1937 (articles on Montrouzier material).

EPONYMY: *Beauvisagea* Pierre (1890) see ING 1: 186. 1979.

20.500. Faculté de médecine de Paris. Contribution à l'étude des origines botaniques de la *Gutta-Percha*. Thèse pour le doctorat en médecine présentée et soutenue par ... Paris (Imprimerie administrative de G. Carpentier ...) 1881. Oct. (*Gutta-Percha*).
Publ.: 1881, p. [1]-64, [65-66], *2 pl. Copy*: NY.

20.501. *Le jardin botanique de la Faculté de médecine de Lyon* et la méthode naturelle ... Lyon (Librairie générale Henri Georg ...) 1888. Oct.
Publ.: 1888 (Nat. Nov. Jul (1) 1889), p. [i], [1]-34, folding chart. *Copies*: G, MO. – Reprinted and to be cited from Ann. Soc. bot. Lyon 15: 163-196. 1887 [i.e. 1888].

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Publ.: 1889, cover-t.p., p. [1]-75, map. *Copy*: L.
Ed. 4: 1903 (Nat. Nov. Dec (1) 1903), 89 p., (n.v.).

20.503. *Une herborisation d'enseignement en hiver* ... Lyon (Librairie générale Henri Georg ...) 1889. Oct. (*Herbor. hiver*).
Publ.: 1889, p. [i], [1]-8. *Copy*: G. – No identification of journal issue.

20.504. Revision de quelques genres de *plantes néo-calédoniennes* du R.P. Montrouzier ... Paris (Librairie J.-B. Baillière et fils ...) 1894. Oct.
Collector: Rev. Père Xavier Montrouzier 1820-1897 (IH 2: 553).
Publ.: Mar-Mai 1894 (Nat. Nov. Jun (1) 1894, Bot. Zeit. 1 Nov 1894; Bot. Centralbl. 26 Jun 1894), p. [i, t.p.], [1]-13, [14], *pl. 1* (uncol.). *Copies*: B, HH, MO. – Reprinted and to be cited from Ann. Soc. bot. Lyon 19 (Mém.): 15-28. 1894.
Deuxième note sur l'herbier du R.P. Montrouzier. Le genre *Entrecasteauxia* Montr., ... [Extrait des Annales de la Société botanique de Lyon ... 1897], p. [71]-76. *Copy*: G. – Reprinted and to be cited from Ann. Soc. bot. Lyon 22: 71-76. 1897. – Nat. Nov. Jun (2) 1898.
Note: For Montrouzier see further E.D. Merrill, *Polynes. bot. bibl.*, B.P. Bishop Mus. Bull. 144. 1937.

20.505. *Recherches sur quelques bois pharaoniques* ... I.Le bois d'If. ... Paris (Librairie Émile Bouillon, ...) 1896. Qu.
Publ.: 1896 (Bot. Zeit. 16 Aug 1896, Nat. Nov. Oct (1) 1896), p. [1]-16, *1 pl.* (uncol.). *Copies*: B, G. – Reprinted and to be cited from Rec. Trav. Philolog. Archéol. égypt. assyr. 18: 78-91. 1896.

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HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 193.

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Publ.: 1918, cover-t.p., p. [i, iii], [1]-230. *Copies*: HH, K, L.

20.508. Thèses présentées à la Faculté des sciences de Poitiers pour obtenir le grade de docteur ès sciences naturelles ... Première thèse. *Contribution à l'étude anatomique de la famille des Ternstroemiacées*. Deuxième thèse. Propositions données par la Faculté. Soutenues le [...] Juillet 1920, devant la Commission d'examen ... Tours (Imprimerie E. Arrault et Cie ...) 1920. Oct. (*Contr. anat. Ternstroem.*).
Publ.: Jul 1920, p. [i], [1]-470. *Copies*: HH, K, L (photo copy). – Deuxième thèse not on copy L.
Ref.: Engler, A., Bot. Jahrb. 59(Lit.): 83-84. 15 Dec 1924 (rev.).
Weitz, R., Bull. Soc. bot. France 68(7-9): 599-600. 1 Feb 1922 (rev.).

Bebb, Michael Schuck (1833-1895), American botanist, born at Hamilton, Ohio, specialist on willows, had a Salicetum at his home in Illinois, moved with his family to Hamilton 1838, attended a private school, moved to Winnebago, Ill. 1850, attended Beloit College, Beloit, Wisconsin, later at Knoxville, Tennesee and sometime at Washington D.C. (in the Patent Office), subsequently in Fountaindale, ultimately at Rockford, Ill. (*Bebb*).

HERBARIUM and TYPES: F(3014). – Further material in B, BUF, CGE, CM, FI, GB, HH, ILL, K (328, mainly *Salix*), L, LY, MO, MT, NY, NYS, PENN, PH, P-DU, US, WELC, WRSL.

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BIOFILE: Anon., Bot. Not. 1896: 43 (d.).
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Publ.: *1*: 2 Mai 1888 (in journal), p. [121]-124, *pl. 81* (uncol. drawing). *Copy*: BKL. – Reprinted and to be cited from Bull. Torrey bot. Club 15(5): 121-124. 1888.
2: 5 Feb 1889 (in journal), *in* id. 16(2): 39-42. 1889.

3: 1 Aug 1889 (in journal), *in* id. 16(8): 207-210. 1889.
4: 9 Jun 1890 (in journal), *in* id. 17(6): 149-151. 1890.

***Beccari, Odoardo** (1843-1920), Italian botanist, botanical explorer and palm specialist; born in Florence, educated at the Collegio Fernando and the Lyceum Machiavelli in Lucca 1853-1861, studied natural sciences at the University of Pisa 1861, assistant ib. 1863, Dr. phil. Univ. Bologna 1 Jul 1864 with Antonio Bertoloni, worked at the British Museum and Kew Gardens 1865, travelled in S.E. Asia, especially in Borneo, 1865-1868; settled in Florence, collected in Ethiopia 1870, Malesian archipelago and New Guinea 1872-1876, from then on working mainly as a private scientist in Florence, collected in Ethiopia 1879-1880. (*Becc.*).

HERBARIUM and TYPES: FI (13.000). – For further details on collections in various herbaria see IH 2: 63.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 211; Backer p. 60, 404; Barnhart 1: 148 (b. 19 Nov 1843, Firenze, d. 25 Oct 1920, Firenze); BL 1: 103, 120; BM 1: 118, 6: 68; Bossert p. 30; Clokie p. 128; CSP 7: 113, 9: 156, 12: 60, 13: 378; Hortus 3: 1188; IF p. 680; IH 1 (ed. 6): 355, 2: 63; Jackson p. 120, 395; Kew 1: 194-195; Langman p. 121; MW p. 37; NI 2: 11 (drawings), nos. 108-112; Rehder 5(index): 60-61; RS p. 74; Saccardo 1: 25, 2: 16; SK 1: 43-46, 599, 4: cxxix, cli, cliii, cliv, 5: cclvii, 8: xiii (addition), lxxiv; TL-1: 23-24; TL-2/1: 155-157 and see indexes; Urban-Berl. p. 293, 328; Zander ed. 10, p. 633, ed. 11, p. 719.

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Follow-up: 1870 and 1871 (see below).

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[2] (... *nuove o rare specie* ...) 1871, p. 177-193, *pl. 2-7*. *Copy*: L. – Id. 3: 177-193, *pl. 2-7*. 1871.

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Publ.: Jan 1877 (in journal), p. [91]-100, *pl. 7*. *Copy*: G. – Reprinted and to be cited from Nuovo Giorn. bot. ital. 9(1): 91-100, *pl. 7*. 1877; extract in Amer. J. Sci. 13: 469-471. 1877.

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***Beck, Ritter von Mannagetta und Lerchenau, Günther** (1856-1931), Austrian (Bratislava/Pressburg Slovakia-born) botanist, educated at the Schottengymnasium, Vienna (mat. 1874), studied at the University of Vienna 1874-1878; Dr. phil. Vienna 1878; unpaid assistant at the "Botanisches Hofkabinett" (later Naturhist. Hofmuseum, now "W") 1878, regular assistant 1878-1885, curator of the herbarium 1885-1899, extraord. professor of botany Univ. Vienna 1895-1899, ord. professor of botany and director of the Botanical Garden at the German University in Prague 1899-1921, k.k. Österr. Hofrat 1917. (*Beck*).

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Publ.: Nov 1914 (in journal, read 12 Nov 1914), cover-t.p., p. [1]-14, *1 pl.* (uncol. lith.). *Copies*: B, L. – Reprinted and to be cited from S.B. kaiserl. Akad. Wiss. Wien, Math.-nat. Kl. 123(1): 1033-1046, *1 pl.* 1914.

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Publ.: 1921-1922 (in journal, reprint Apr-Mai 1922), p. [1]-40, *pl. 1-6* (uncol. liths.). *Copy*: L. – Reprinted and to be cited from *Der Pilz- und Kräuterfreund* 5(5-6): 105-120. Nov-Dec 1921, 5(7): 160-166. Jan, 5(8-9): 183-191. Feb-Mar, 5(10): 228-236. Apr 1922.

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20.628. *Neue Grün- und Blaualgen aus Kärnten* und den Sudeten ... [Abdruck aus Archiv für Protistenkunde ... Jena (Verlag von Gustav Fischer) 1929]. Oct.
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Publ.: 1931, cover, p. [211]-342. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl. 47(Abt. 2): 211-342. 1931.

***Beck, Louis Caleb** (1798-1853), American physician and naturalist, born in Schenectady, N.Y., educated at Union College, Schenectady 1817, studied medicine 1817-1818, practicing at Schenectady 1818-1820; in St. Louis, Mo., 1820-1822, returned to Albany 1822, connected with Rensselaer Polytechnic Institute, Rutgen College and Albany Medical College as professor of botany and other sciences. (*L.C. Beck*).

HERBARIUM and TYPES: NYS, further material at B, K, KIEL, OXF, P-DU, PH, W, WECO (ex herb. J. Barratt).
Ref.: Beck, L.C., Catalogue of the cabinet of natural history of the State of New York, and of the historical and antiquarian collection annexed thereto ... Albany, 1853 (copy at PH).

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Note: See also TL-2/388, *Bot. north. middle states* 1833. – Also issued as IDC 51.113.

***Becker, Alexander** (1818-1901), Russian botanist, entomologist and musician (organ player) at Sarepta, son of a Hessen-Darmstadt migrant (Kaspar Becker), educated in Sarepta schools (incl. a gymnasium), in St. Petersburg 1832-1834 employed in a commercial establishment, id. in Moscow 1834-1836; school teacher at Sarepta 1836-1840, organist 1836-1868, in addition making a living by selling botanical exsiccatae and entomological collections, based on collecting trips around Sarepta and on expeditions to Saratow and Astrakan Government; major collector for the St. Petersburg herbarium (LE). (*A.K. Becker*).

HERBARIUM and TYPES: LE (main collections), further material (mostly distributed in series of exsiccatae) in B, BHU, BM, BR, CGE, FI, G, GB, GOET, H (Steven), HH, K, KIEL, M, MANCH, MW, OXF, P, PH, S, TU, US, W, WAG, WB, WRSL; Berlin-Paläo., Akad. Wiss. – Many plants were distributed via Hohenacker (see also TL-2/1: 161).

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Publ.: 1866, p. [i-ii], [1]-45. *Copies*: G, HH. – Preprinted or reprinted and to be cited from Bull. Soc. Imp. Natural. Moscou 39(2): 163-207. 1866. – TR 69.

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Publ.: 1872, p. [1]-24. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Imp. Natural. Moscou 45(2): 102-124. 1872. – TR 75 (giving details on bot.).

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Becker, Carl (1867-?), German pharmacist (Rheinprovinz), born and educated in Viersen; studied at the University of München 1890-1892, pharmaceutical state-examination 1892, studied further at Strassburg and Erlangen, student of Max Rees at Erlangen. (*C. Becker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 150 (b. 27 Mai 1867); LS 2128.

20.642. *Beitrag zur vergleichenden Anatomie der Portulacaceen.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Fakultät der Friedrich-Alexander-Universität Erlangen ... München (Buchdruckerei von M. Ernst) 1895. Oct. (*Beitr. vergl. Anat. Portulac.*).
Publ.: 1895 (Nat. Nov. Oct (1) 1895, Bot. Zeit. 1 Apr 1896), p. [1]-38, [39-41], *4 pl. Copies*: B, GOET. – Curriculum vitae on p. [40].

Becker, Gustav (1815-1880), German pharmacist and botanist at Bonn. (*G. Becker*).

HERBARIUM and TYPES: BHU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 150 (b. 22 Mai 1815, Höxter a. d. Weser, d. 28 Jul 1880).

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Becker, Hans (1884-?), German botanist, born in Halle, Westfalen, educated at the Haller Volksschule at Halle, id. at the "höheren Privatschule" ib. 1896-1900, at the Gymnasium at Bielefeld and Hagen in Westfalen 1900-1906, studied at the universities of Tübingen (semester 1), Berlin (id. 2), München (id. 3), Berlin (id. 4-5) and ultimately 1908-1911/12 in Münster i.W., Dr. phil. at the Westfälische Wilhelms-Universität 16 Dec 1911, later Forstassessor at the Kön. techn. Hochschule, München for "Bodenkunde". (*H. Becker*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Anon., Hedwigia, Beibl. 56(2): (147). 1915 (apptd. München).

20.646. Über die *Keimung verschiedenartiger Früchte und Samen bei derselben Species.* Inauguration-Dissertation zur Erlangung der Doktorwürde einer Hohen Philosophischen und Naturwissenschaftlichen Fakultät der Königlichen Westfälischen Wilhelms-Universität zu Münster i.W. ... [1913]. Oct. (*Keim. Fr. und Samen*).
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Ref.: Simon (Dresden), Bot. Centralbl. 134(17): 260-261. 24 Apr 1917 (rev.).

Becker, Hermann Friedrich (fl. 1791), German (Mecklenburg) forester and botanist at Rostock, later at Rövershagen. (*H.F. Becker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 120; Dryander 3: 208; PR 542, ed. 1: 623; Rehder 1: 370, 4: 424.

BIOFILE: Boll, E.F.A., Fl. Mecklenburg 147. 1860.

20.647. *Beschreibung der Bäume und Sträucher* welche *in Mecklenburg* wild wachsen, ... zweyte vermehrte Auflage. Rostock (auf Kosten des Verfassers ...) 1805. Oct. (*Beschr. Bäume Sträucher Mecklenb.*).
Publ.: *Ed. 1*: n.v. – Rostock 1791, 87 p.
Ed. 2: 1805, p. [i]-viii, [1]-151. *Copy*: G.

Becker, Johanna (1898-x), German (Bremen) mycologist, educated at the Bremen Lyzeum 1904-1914, id. Gymnasium 1915-1918, studied at the Wirtschaftliche Frauenschule Löbichau (Sachsen-Altenburg) 1919-1920 (Maidenexamen), followed a veterinary stage in Mecklenburg 1921-1922, id. Pommern 1922-1923; at the University of Halle 1923-1928, Dr. phil. ib. 1928 (*Johanna Becker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS 2196-2198.

20.648. *Untersuchung über die Lebensfähigkeit von Uredosporen von Puccinia glumarum.* Inaugural-Dissertation zur Erlangung der Doktorwürde der Hohen Naturwissenschaftlichen Fakuktät der Vereinigten Friedrichs-Universität Halle-Wittenberg ... Halle (Saale) (Otto Thiele Buch-und Kunstdruckerei) 1928. Oct. (*Unters. Uredosp. Puccinia glum.*).
Publ.: 1928, p. [i-ii], [353]-411, [412, vita], *5 pl.* 1928. *Copies*: B, L. – Reprinted and to be cited from Kuehn-Archiv 19: 353-411. 1928.

***Becker, Johannes** (1769-1833), German (Speyer, Rhenish Palatinate) botanist, originally teacher, "Stifts-Botanikus" at the Senckenberg Institute, Frankfurt am Main, in charge of the botanical garden 1816-1827. (*Becker*).

HERBARIUM and TYPES: FR (herb. and library). – Further material in H (herb. Chr. Steven).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 150 (b. 20 Feb 1769, Speyer; d. 24 Nov 1833, Frankfurt a. M.); BM 1: 120; GR p. 61; Kew 1: 198; LS 2131; MD p. 54-55 (biogr. and bibl. info.); PR 541, ed. 1: 634; Rehder 1: 377; TL-2/1: 161.

BIOFILE: Anon., Flora 16(2): 766-767. 1833 (d.); Ann. bryol. 9: 154. 1837 (herb. FR).
Blum, J., Ber. Senckenb. naturf. Ges., Wiss. Abh. 1901: 10.
Blunt, W., The compleat naturalist 166, 172, 174, 175. 1971 (on B. and Linnaeus).
Breure, A.S.H. and J.G. de Bruyn, eds., Leven en werken van J.G.S. van Breda 62. 1979.
Conert, H.J., Senckenbergiana biol. 48 (Sonderheft C): 13-47. 1967.
Egle, K. and G. Rosenstock, Gesch. Bot. Frankfurt a. Main 13, 14, 19. 1966.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 391. 1877.
Fresenius, J.B.G.W., Flora 16(2): 766-767. 1833, 17(1-2): 24-29. 14 Jan 1834.
Harms, H., Bot. Jahrb. 46(Lit.): 25-26. 1912 (detailed rev. of B's *Schwedische Reise* 1911).
Ilg, W., Hoppea 42: 318. 1984 (Regensb. bot. Ges.).
Knoblauch, A., Ber. Senckenb. Naturf. Ges. Frankfurt a. M. 48: 35. 1919.
Lack, H.W. and O. v. Sydow, Willdenowia 13: 412. 1983 (letters to Steudel at UPS-UB).
Löwegren, I., Naturaliekabinett Sverige 45, 67, 183, 188, 296, 299-301, 312, 331. 1952.
Wagenitz, G., Göttinger Biologen 1737-1945. 22-23. 1988 (major reference).

Becker, Karl Ernst (1893-x), German botanist, born at Magdeburg 15 Jan 1893, educated at the König-Wilhelms-Gymnasium until 1912, studied at the Universities of Tübingen and Halle, in World War I on active service until February 1919, Dr. phil. 1920 at Halle-Wittenberg. (*K.E. Becker*).

HERBARIUM and TYPES: Unknown.

20.649. *Untersuchungen über* die Ursache der *Sterilität bei* einigen *Prunaceen*. Inaugural-Dissertation zur Erlangung der Doktorwürde der Hohen Philosophischen Fakultät der Preussischen vereinigten Friedrichs-Universität Halle-Wittenberg ... Halle a. d. Saale (Druck: Hallische Nachrichten (General-Anzeiger für Halle und die Provinz Sachsen)) 1920. Oct. (*Unters. Steril. Prunac.*).
Publ.: 17 Feb 1920 (date of defense thesis, anon. written note in copy L.), p. [i, cover-t.p.], [1]-43, [45, vita], 2 uncol draw. pasted in. *Copies*: BKL, L.

Becker, Lothar (fl. 1875), Private botanist at Breslau [Wroclaw]. (*L. Becker*).

HERBARIUM and TYPES: WRSL.

BIBLIOGRAPHY and BIOGRAPHY: CSP 1: 230, 12: 61; LS 2132.

BIOFILE: Pax, F., Bibl. Schles. Bot. 52. 1929 (no. 833).
Sydow, P. and C. Mylius, Botaniker-Kalender 1887: 103 ("Privatgelehrter Breslau").
Stojanowska, W., Acta Univ. Wratisl. 134: 111. 1971 (herb. mat. at WRSL).

20.650. *Der Bauerntabak* (Nicotiana rustica L.): eine Pflanze der alten Welt ... Breslau (Zu haben vom Verfasser, ...) 1875. Oct. (*Bauerntabak*).
Publ.: Jan 1875 (Bot. Zeit. 33(2): 32. 8 Jan 1875: "soeben", ÖBZ 25: 39. Jan 1875 (id.)), p. [i], [1]-51, [52]. *Copy*: L. – Text deals with tobacco in the old world before 1492.

***Becker, Wilhelm** (1874-1928), German (Prussian-Saxony) botanist, studied at Friedrich Gymnasium in Berlin, in Halberstadt 1888 at a teacher's college, teacher in Wettelrode (Harz) 1894; travelled in Tirol, N. Italy, Triest, Krain, Steyermark 1898, teacher in Burgörner nr. Hettstedt 1902-1903; id. at Hedersleben (nr. Magdeburg) 1903-1909; teacher at Ostrau (Bromberg) 1909-1913; id. in Schlaustedt (Prussian-Saxony) 1913-1914, Loitsche (id.) 1914-1916, Haferland (id.) 1916; on active duty 1916-1919, from then on living in Rosian (Jerichow, Prussian-Saxony), specialist in *Viola* and *Euphrasia*. (*W. Becker*).

HERBARIUM and TYPES: B (orig. herb. incl. *Viola*); first *Viola* herbarium at Z, further material (mostly exsicc.) at FR, GB, GH, GJO, GOET, M, P, W. – Issued *Violae exsiccatae germanicae, austo-hungariae et helvetiae* i-viii, nos. 1-202, 1900-1908; *Herbarium Violarum Europae* i (25 nos.), 1914.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 150 (b. 1874, d. 12 Oct 1928); BJI 2: 9; DTS 6(4): 74, 111-114; Hegi 6(2): 1271; Hortus 3: 1188; IH 2: 64; Langman p. 122; Rehder 2: 106; TL-2/1: 161-162; Urban-Berl. p. 328; Zander ed. 10, p. 633, ed. 11, p. 719.

BIOFILE: Anon., Kew Bull. 1929(3): 89 (obit. not.).
Chiovenda, E., Nuovo Giorn. bot. ital. ser. 2. 31: 278-279. Oct 1926 (publ. on Viola in Alpi Lepontine).
Fuchs, H.P., Bull. Murith. 109: 120-121. 1991 (biogr., publ., b. 24 Jan 1874, Halberstadt, d. 12 Oct 1928, Berlin).
Görz, R., Verh. bot. Ver. Prov. Brandenburg 71: 142-150. 1928 (biogr., bibl. by H. Melchior).
Kloos, A.W., Jr., Ned. Kruidk. Arch. 1928(2): 172-173 (in memoriam).
Pohl, F., Generalregister Beih. Bot. Centralbl. 18-50: 5. 1942.
Wagenitz, G., Index coll. princ. herb. Gotting. 20. 1982.
Wein, K., Mitt. Thür. bot. Ver. ser. 2. 39: xiv-xvi. 1930 (b. 24 Jan 1874, Halberstadt, d. 12 Oct 1928, Berlin).

20.651. *Viola splendida et Viola Sieheana* spec. nov. 1902 ... [Bulletin de l'Herbier Boissier ... 1902]. Oct.
Publ.: 31 Jul 1902 (in journal), p. [1]-3. *Copies*: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier, ser. 2. 2(8): 750-752. 1902.

20.652. *Ergebnisse einer Revision der Violae* des Herbarium Barbey-Boissier ... Extrait du Bulletin de l'Herbier Boissier ... 1902. Oct.
Publ.: 30 Sep 1902 (in journal), p. [1]-5. *Copies*: B, G, L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 2(10): 825-856. 1902.

20.653. *Viola cavillieri* n. sp. e sectione Melanium DC. ... Extrait du Bulletin de l'Herbier Boissier ... 1902. Oct.
Publ.: 30 Dec 1902 (in journal), p. [1]-2. *Copies*: B, BKL, L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 3(1): 45-46. 1902.

20.654. *Die Veilchen der bayerischen Flora* mit Berücksichtigung des übrigen Deutschlands ... München (Druck von Val. Höfling, ...) 1902. Oct.
Publ.: 1902 (Nat. Nov. Jan (2) 1903), cover-t.p., p. [1]-35. *Copies*: B, G. – Reprinted and to be cited from Ber. Bayer. bot. Ges. 8(2): 247-281. 1902.
Ref.: Kneucker, A., Allg. bot. Z. 9: 16. 15 Jan 1903 (rev.).
Other reprint (same text): "*Flora der Violaceen*" p. [247]-281. *Copies*: G, L. – Id. 8(2): 247-281. 1902.

20.655. *Ueber den Formenkreis der Viola lutea* Huds. s.l. ... Extrait du Bulletin de l'Herbier Boissier ... 1903. Oct.
Publ.: 30 Sep 1903 (in journal); p. [1]-3. *Copies*: L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 3(10): 889-891. 1903.

20.656. *Viola diversifolia* (DC. pr. var. V. Cenisiae) W. Becker ... Extrait du Bulletin de l'Herbier Boissier ... 1903. Oct.
Publ.: 30 Sep 1903 (in journal), p. [1]-2. *Copies*: L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 3(10): 892-893. 1903.

20.657. *Zur Veilchenflora Tirols* ... [Z. Ferdinandeum, Innsbruck 1904]. Oct.
Publ.: 1904 (copy reprint in dedication to Emile Burnat, copy G, signed by author 6 Dec 1904), p. [1]-24. *Copies*: G, L. – Reprinted and to be cited from Z. Tirol. Ferdinandeum, Innsbruck ser. 3. 48: 323-346. 1904.
Ref.: Leeke (Halle a. S.), Bot. Centralbl. 99(27): 11. 11 Jul 1905 (rev.).

20.658. *Systematische Behandlung der Viola arvensis* s.l. auf Grundlage unserer phylogenetischen Kenntnisse ... Sonder-Abdruck aus "Mitteilungen des Thür. Bot. Vereins", ... 1904. Oct.
Publ.: 1904, p. [26]-49, *1 pl.* (uncol phot.). *Copies*: B, G. – Reprinted and to be cited from Mitt. Thür. bot. Ver. 19: 26-49, *1 pl.* 1904.

20.659. *Die systematische Behandlung* der Formenkreise *der Viola[e] calcarata und lutea* (im weiteren Sinne genommen) auf Grundlage ihrer Entwicklungsgeschichte ... Abdruck aus Beihefte zum Botanischen Centralblatt ... 1905. Oct.
Publ.: 1905, cover [identif.], p. [347]-393. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl. Abt. 2. 18(3): 347-393. 1905.

20.660. *Ein Beitrag zur Veilchenflora Asiens* ... Sonderabdruck aus "Beihefte zum Botanischen Centralblatt" ... 1906. Oct.
Publ.: 1906 (Nat. Nov. Sep (2) 1906), p. [125]-127. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl. Abt. 2. 20(1): 125-127. 1906.

20.661. *Systematische Bearbeitung der Viola alpina* s.l. und einiger in meinen Arbeiten noch nicht behandelten Arten ... Sonderabdruck aus "Beihefte zum Botan. Centralblatt" ... 1907. Oct.
Publ.: 1907, p. [291]-295. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl. Abt. 2. 21(3): 291-295. 1907.

20.662. *Beiträge zur Violenflora Asiens* ... Bulletin de l'Herbier Boissier ... 1908. Oct.
Publ.: 31 Dec 1908 (in journal), p. [1]-6. *Copies*: L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 8(10): 739-741. 1908.

20.663. *Zwei Violen aus Peru* ... Sonderabdruck aus Fedde, Repertorium ... 1909. Oct.
Publ.: 20 Mai 1909 (in journal), p. [1]. *Copy*: B. – Reprinted and to be cited from Fedde Repert. Sp. Nov. 7(137-139): 123-124. 1909.

20.664. *Die Anthylliden des Berliner Botanischen Museums* ... Separatabdruck aus "Allgemeine Botanische Zeitschrift" ... Karlsruhe i. B. 1910. Oct.
Publ.: Oct 1910 (in journal), p. [1]-3. *Copy*: B. – Reprinted and to be cited from Allg. bot. Z. 1910(10): 158-160.

20.665. *Bearbeitung der Anthyllis-Sektion Vulneraria* DC. ... Sonderabdruck aus "Beihefte zum Botanischen Centralblatt" ... Dresden (Verlag C. Heinrich) 1910. Oct.
Publ.: 1910, cover [identif.], p. [256]-287. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl. Abt. 2. 27 (2): 256-287. 1910.

20.666. *Violae Europaeae*. Systematische Bearbeitung der Violen Europas und seiner benachbarten Gebiete ... Dresden-N. (Verlag von C. Heinrich) 1910. Oct. (*Viol. Europ.*).
Publ.: Apr-Jul 1910 (Nat. Nov. Aug (2)), cover-t.p., p. [i]-iv, [1]-153. *Copy*: L.

20.667. *Die Violen der Schweiz* ... Zürich (... gedruckt von Zürcher & Furrer in Zürich ...) 1910. Oct. (*Viol. Schweiz*).
Publ.: Apr-Jul 1910 (Bot. Centralbl. 16 Aug 1910), p. [i*], [i]-viii, [1]-82, *pl. 1-4* (uncol., 1-3 drawings, 4 phot.). *Copy*: U. – Issued as Mém. 1 of Neue Denkschr. Schweiz. naturf. Ges. 44. 1910.

20.668. *Anthyllisstudien* ... Sonderabdruck aus "Beihefte zum Botan. Centralbl." ... Dresden (Verlag C. Heinrich) 1912. Oct.
Publ.: 1912, p. [16]-40. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl. Abt. 2. 29(1): 16-40. 1912.

20.669. *Zur Klärung der Viola Patrinii* DC. und ähnlicher Arten ... Leipzig (Verlag von Wilhelm Engelmann) 1917. Oct.
Publ.: 17 Apr 1917 (in journal), cover-t.p., p. [i, recto of 156], [156]-189, *pl. 1-2* (uncol. maps). *Copies*: B, G, L. – Reprinted and to be cited from Bot. Jahrb. 54(5), Beibl. 120: 156-189, *pl. 3-4*. 1917.

20.670. *Spergula vernalis* Willd. *var. palaeomachica* var. nov. ... Separat-Abdruck aus den Verhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1919 [i.e. 1920]. Oct.
Publ.: 10 Jan 1920 (in journal), p. [1]-2. *Copy*: B. – Reprinted and to be cited from Verh. Bot. Ver. Prov. Brandenburg 61: 76-77. 1920.

20.671. *Violae novae praecipue Asiaticae* ... Separatabdruck aus Fedde, Repertorium ... 1921. Oct.
Publ.: 1 Apr 1921 (in journal), p. [72]-76. *Copies*: B, L. – Reprinted and to be cited from Fedde Repert. Sp. Nov. 17: 72-76. 1921.

20.672. *Euphrasiae novae* ... Sonderabdruck aus Fedde, Repertorium ... 1921. Oct.
Publ.: 30 Jun 1921 (in journal), p. [126]-127. *Copy*: B. – Reprinted and to be cited from Fedde Repert. Sp. Nov. 17: 126-127. 1921.

20.673. *Euphrasia tavastiensis* spec. nov. aus Finnland ... Sonderabdruck aus Fedde, Repertorium ... 1921. Oct.
Publ.: 31 Oct 1921 (in journal), p. [286]-287. *Copy*: B. – Reprinted and to be cited from Fedde Repert. Sp. Nov. 17: 286-287. 1921.

20.674. *Die Violen der Philippinen* ... Manila (Bureau of printing) 1921. Oct.
Publ.: Dec 1921, cover-t.p., p. 707-722. *Copy*: B. – Reprinted and to be cited from Philipp. J. Sci. 19(6): 707-722. 1921.

20.675. *Plantae sinenses* a dre. H. Smith annis 1921-1922 lectae. xv. *Violaceae* ... [Meddelanden från Göteborgs Botaniska Trädgård ... 1926]. Oct.
Publ.: 27 Apr 1926 (date on p. 288), p. [285]-288. *Copy*: B. – Reprinted and to be cited from Medd. Göteborgs Bot. Trädgård 2: 285-288. 1926.

20.676. *The genus Viola in Kamtschatka* ... Arkiv för Botanik ... 1928. Oct. (*Viola in Kamtschatka*).
Publ.: 18 Apr 1928 (date on p. 8), p. [1]-8. *Copies*: B, U. – Issued as Ark. Bot. 22A, no. 3, 1928.

20.677. *Violae novae balcanicae* ... Extrait du Bulletin de l'Institut et du Jardin Botaniques de l'Université de Belgrade ... 1928. Oct.
Publ.: 1928, p. [33]-35, *pl. 3-4* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Bull. Inst. Jard. bot. Univ. Belgrade 1(1): 33-35, *pl. 3-4*. 1928.

Beckett, Thomas W. Naylor (1839-1906), British botanist, coffee planter in Ceylon, collected plants there 1882-1883, travelled and collected in the Himalayas circa 1900, in New Zealand 1903-1906. (*Beckett*).

HERBARIUM and TYPES: Fern herbarium (ca. 2000) from Ceylon, India and South Africa at LIV; main general herbarium (ca. 12.000) at CHR; further material in B, C, DBN, H-Br (mosses), K, L, MEL, NY, OXF, PC, TCD, WRSL.

NOTE: The name used by Beckett was "Naylor Beckett" (not "Naylor-Beckett").

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 151; Clokie p. 129; Desmond p. 52 (d. Christchurch, 5. Dec 1906); IH 2: 64, 582; SBC p. 115; Urban-Berl. p. 294.

BIOFILE: Allan, D.A., Handb. guide herb. coll. publ. mus. Liverpool 66-67. 1935 (on fern herb. at LIV).
Anon., Bryologist 11(2): 38. 1908 (obit. not.); New Zealand J. Bot. 9: 705, 740. 1971 (herb., portr.); Taxon 26: 160. 1977 (moss herb., orig. at CANRY transferred to CHR, 3000 New Zealand specimens, 9000 foreign specimens obtained by exchange).
Burkill, I.H., Chapters hist. bot. India 56, 181, 182. 1967.
Sayre, G, Mem. New York Bot. Gard. 19(3): 289. 1975 (on bryophyte colls.); Bryologist 80(3): 504. 1977 (bryol. coll.).

20.678. *On New Zealand mosses* ... Transactions of the New Zealand Institute ... 1894. Oct.
Publ.: mid 1895 (read 5 Sep 1894), cover [identif.], p. [403]-405, *pl. 28* (uncol. draw.). *Copies*: B, BKL. – Reprinted and to be cited from Trans. New Zealand Inst. 27(1894): 403-405, *pl. 28*. 1895.
Follow-up: *On New Zealand mosses*, *in* id. 29: 441-445, *pl. 24-26* (uncol. draw.). 1897, 31: 426-437. 1899.

***Beckhaus, Konrad** (also "Conrad") **Friedrich Ludwig** (1821-1890), German (Westfalen) clergyman and botanist, studied natural sciences and theology at Halle, assistant preacher in Höxter 1847, priest ib. 1851, "Superintendent" ib. 1857. (*Beckh.*).

HERBARIUM and TYPES: MSTR; further material at B (fungi), M (lich.), WRSL (lich.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 151; BFM 49; BJI 1: 4; BM 1: 120; CSP 1: 231, 7: 118; 12: 61-62, 13: 392; Frank 3(Anh.): 9; GR p. 5, pl. [12]; GR, cat. p. 60; IH 2: 64; LS 2136-2140; NAF ser. 2: 151; TL-2/1: 162.

BIOFILE: Beckhaus, K.F.L., Fl. Westfalen i. 1893 (portr.).
Hertel, H., Mitt. Bot. Staatssamml. München 16: 345. 1980 (lichens via Arnold herb.).
Kohlmeyer, J., Willdenowia 3(1): 68. 1962 (fungi at B).
Potztal, E., Willdenowia 3(1): 37. 1962 (fungi in B).
Runge, F., Abh. Landesmus. Naturk. Münster Westf. 29: 30-31, 33. 1967.
Westhott, Fr., Jahresber. westfäl. Prov.-Ver. Wiss. Kunst, Münster Bot. Sect. 20: 2. 1892.

NOTE: Additional information on TL-2/390. *Fl. Westfalen*: *Publ.*: Sep-Dec 1893, also fide Bot. Centralbl. 28 Dec 1893, detailed rev. by G. Lindau, ib. 57(7): 211-212. 7 Feb 1894, and Bot. Jahrb. 18(Lit.): 46-47. 13 Apr 1894; brief rev. Anon., ÖBZ 44: 70. Dec 1893.

Becking, Johannes Hendrikus (1890-1972), Dutch forester, studied at the Agriculture and Forestry College, Wageningen, Forest officer in the Dutch East Indies Govt. Forestry Services 1913, head of the Division of Commerce of the Teak Forest Administration 1933, chief inspector of the Forest Service 1936, professor at the Wageningen College. (*J.H. Becking*).

HERBARIUM and TYPES: BO and BZF.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 64; Rehder 3: 721; SK 1: 46-47, 8: xiii.

BIOFILE: Steenis, C.G.G.J. van, Fl. males. Bull. 26: 1993. 1972 (d. 19 Apr 1972, Arnhem, Neth.).

20.679. *Vloed- of Mangrovebosschen in Ned.-Indie* ... [Tectona ... 1922]. Oct.
Co-authors: Berger, L.G. den (1881-1945, see this supplement) and H.W. Meindersma.
Publ.: 1922 (mss. closed on p. 611 Jun 1922), *1 pl.*, p. [561]-611. *Copy*: L. – Reprinted and to be cited from Tectona 15(7): *1 pl.*, 561-611. 1922.

20.680. *De djaticultuur op Java.* Een vergelijkend onderzoek naar de uitkomsten van verschillende verjongingsmethoden van den djati op Java ... Wageningen (Druk: H. Veenman en Zonen) 1928. Oct. (*Djaticult. Java*).
Publ.: 1928, p. [i]-viii, [1]-304, *2 pl.* (figs. 12.13 hors text), map 2-7 (uncol., hors text; map 1 in text), issued as Meded. Proefstat. Boschwezen 22. 1928.

Beckmann, Johann (1739-1811), German (Hoya, Hannover) agricultural scientist and technologist; educated at the Gymnasium of Stade 1754-1759; studied theology, natural sciences and administration at the University of Göttingen 1759-1762; travelled in Brunswick and Holland 1762-1763; teacher at the German Gymnasium in St. Petersburg 1763-1765, travelled in Sweden and Denmark 1765-1766; extraordinary professor at Göttingen 1766-1770, id. ordinary professor 1770-1811. (*Beckm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 238-239; AG 2(1): 88; Backer p. 60; Barnhart 1: 151 (b. 4 Jun 1739, Hoya, d. 3 Feb 1811, Göttingen); BM 1: 120, 121; Dryander 3: [see index, numerous refs.]; DSB 1: 554-555 (major source, author: Friedrich Klemm); GR p. 61; Hortus 3: 1188; Jackson p. 8; KR p. 68 (details on his "Schwedische Reise" ed. by Th.M. Fries); LS 2140a; Moebius p. 388; NAF 7(15): 1051; NDB 1: 727-728; PR 548, ed. 1: 640-643; Quenstedt p. 29; Ratzeburg p. 35; Rehder 5(index): 62; Tucker 1: 69.

BIOFILE: Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 391. 1877.
Fries, Th.M. ed., Schwedische Reise in den Jahren 1765-1766. Tagebuch [of J. Beckmann] mit Einleitungen und Anmerkungen, Uppsala 1911 (see e.g. KR p. 68).
Haller, A. von, Bibl. bot. 2: 351-446. 1772.
Hulth, J.M. Bref Skrifv. Linné 1(8): 185-187. 1922, 2(1): 251-269. 1916.
Hulth, J.M. and A.H. Uggla, Bref Skrifv. Linné 2(2): 187, 188. 1943.

Lack, H.W. and O. v. Sydow, Willdemowia 13: 413. 1983 (corr. with Bergius and Hermann at UPS-UB).
Wagenitz, G., Göttinger Biologen 1737-1945. 22. 1988.
Wiesner, Jul., Natur, Geist, Technik, ... Leipzig 1910, vii, 428 p. (chapter iv on the relations between B. and Linnaeus).

COMPOSITE WORKS: See C. Linnaeus, *Syst. nat. epitom.* 1772, TL-2/4843; J. Beckmann compiler; see KR p. 68.

EPONYMY: *Beckmannia* Host 1805 (see ING 1: 187. 1979).

20.681. Joannis Beckmanni ... *Lexicon botanicorum*, exhibens etymologiam, orthographiam et prosodiam nominum botanicorum. Gottingae [Göttingen] (apud Joann. Frider. Röwer] 1801. Oct. (*Lexik. bot.*).
Publ.: Jul-Dec 1801 (p. viii: 24 Jun 1801), p. [i]-viii, [1]-230, [231-232, corr.]. *Copies*: G, NY.

Beckmann, Karl ["Carl"] **Ludwig** (1845-1898), German (Northeim, Prov. Hannover) pharmacist and botanist, apprentice at the Raths-Apotheke in Hildesheim 1859-1863, assistant at various pharmacies in the province Hannover 1863-1865; studied pharmacy at the University of Göttingen 1865-1868; in charge of a pharmacy in Bielefeld 1868-1870; acquired the pharmacy at Bassum 1870, practicing 1870-1890; moved to Hannover, set up a new pharmacy, the Flora-Apotheke, continuing his practice until 1898. (*C.L. Beckm.*).

HERBARIUM and TYPES: HAN, further material in A, AK, B, GB, GOET, H-BR, IBF, L, PC, WRSL (lich.).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 219; Barnhart 1: 151; BJI 1: 4; DAB 1: 34-35. 1975; IH 2: 64 [entries for C. and Karl Ludwig Beckmann]; Morren ed. 10, p. 8; Tucker 1: 69.

BIOFILE: Anon., ÖBZ 48: 471. 1898; Mitt. Thüring. Bot. Ver. ser. 2. 13-14: 111-112. 1899 (brief note on death of B. on 1 Jul 1898).
Ascherson, P.F.A., *in* Festschr. 25 j. Stiftungstages Naturw. Ver. Magdeburg 57-58. 1894; Verh. bot. Ver. Prov. Brandenburg 40: cxix-cxxii. 1898 (detailed obituary, b. 27 Feb 1845 at Northeim, Prov. Hannover; d. 1 Juli 1898, Hannover; list of five publ.).
Buchenau, F., Ber. deut. bot. Ges. 16: (58)-(60). 1898 (detailed obit., list of 5 publ.); Abh. Naturw. Ver. Bremen 16: 234-237. 1900 (id.).
Goulding, J.H., Rec. Auckland Inst. Mus. 12: 99, 101. 1975 (sample of herbarium label, handwriting, herb. mat. at AK).
Kneucker, A., Allg. bot. Z. 4: 152, 189-190. 1898 (obit.).
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Lack, H.W. and O. v. Sydow, Willdenowia 13: 412. 1983 (letters to Halàcsy and Keck at UPS-UB).
Lack, H.W. and D. Wagner, Willdenowia 14: 430. 1984 (mat in herb. Ullepitsch in B).
Wagenitz, G., Index coll. princ. herb. Gotting. 20. 1982; Göttinger Biologen 1737-1945. 22. 1988.

20.682. *Flora Bassumensis* ... [Abh. Naturw. Ver. Bremen ... 1886]. Oct.
Publ.: Feb 1889 (in journal; Nat. Nov. Feb (2) 1890), p. [481]-515. *Copy*: B. – Reprint without identification; reprinted from Abh. Naturw. Ver. Bremen 10: 481-515. 1889, with Nachtrag [not in reprint], on p. 620.
Ref.: Freyn, J.F., Bot. Centralbl. 40: 21-22. 3 Oct 1889 (rev.).

Beckmann, Paul (1881-?), German (Dessau) botanist, studied at the University of Berlin, Dr. phil. ib. 1906; lived in Dessau. (*P. Beckm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 151; BJI 2: 9; GR p. 61 (b. 18 Jul 1881, Dessau); LS 30.970.

20.683. *Untersuchungen über die Verbreitungsmittel von gesteinsbewohnenden Flechten* im Hochgebirge mit Beziehung zu ihrem Thallusbau ... Beiblatt zu den Botanischen Jahrbüchern ... 1907. Oct. (*Unters. Verbr.-Mittel Flecht.*).
Publ.: 12 Mar 1907 (date on p. [1]; Nat. Nov. Apr (1) 1907), p. [1]-72. *Copy*: U. – Issued as Beibl. Bot. Jahrb. no. 88, in Bot. Jahrb. 28(4-5). 1907.
Thesis-issue: n.v.; thesis to obtain Dr. phil. Univ. Berlin.

***Beddome, Richard Henry** (1830-1911), British colonial army officer and forestry botanist; entered the Indian army 1848, ultimately quartermaster and interpreter to the 42nd Madras Infantry 1848-1856, assistant, later conservator with the Forestry Department, Madras 1857-1860, head of the Forestry Department S. India 1860-1882, retired to England 1883, continuing his interest in Indian ferns, freely associated with Kew and the British Museum. (*Bedd.*).

HERBARIUM and TYPES: BM (ca. 10.000 specimens), further material at CAL, DD, K, LIV, MH, SING.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 152; BB p. 27; BM 1: 121, 6: 71; CSP 1: 242, 6: 581, 7: 122-123, 9: 168, 13: 400; Desmond p. 52 (b. 11 Mai 1830); GF p. 49; Hortus 3: 1188; IF p. 680-681, suppl. p. 75; IH 1 (ed.6): 355, 2: 64; Jackson p. 384, 385, 386, 387, 388, 391, 520; Kew 1: 199; Langman p. 122; Morren ed. 10, p. 38 («Beddommé»); MW p. 39; NI 115-120; PR 554-557, 10.540; Rehder see indexes; TL-1: 24-25; TL-2/1: 162-164; Tucker 1: 70; Urban-Berl. p. 328; Zander ed. 10, p. 633, ed. 11, p. 719.

BIOFILE: Allan, D.A., Handb. guide herb. coll. Liverpool 12, 66. 1935.
Anon., Kew Bull. 1911: 164-165 (obit., d. 23 Feb 1911), 278 (Mrs. Beddome presents fern coll. to K); Leopoldina 47: 62. 1911 (d. 23 Feb 1911); Gard. Chron. ser. 3. 49: 143. 1911.
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Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.461, 269.61. 1980.
Buckland, C.E., Dict. Indian biogr. 33. 1906.
Burkill, I.H., Chapt. hist. bot. India 72, 74, 96, 97, 121, 161, 181, 232. 1965.
Drummond, J.K., Proc. Linn. Soc. London 1910-1911: 32-34 (obit.).
Frodin, D.G., Guide standard floras world 578. 1984 (index).
Holttum, R.E., Pteridologist 1(2): 70. 1985 (brief evaluation of B's work).
Sayre, G., Mem. New York bot. Gard. 19(3): 289. 1975 (coll.).

Beeby, William Hadden (1849-1910), British botanist, self-made bank clerk, served under the Union Discount Company of London, afterwards cashier in the Bank of Tarapaca and London, retired Jun 1909; student of the flora of Surrey and of Shetland; critical opponent of the nomenclature changes leading to the Vienna Code. (*Beeby*).

HERBARIUM and TYPES: SLBI, further material BM (193 Brit. pl.); AK, C, CGE, K, MANCH, NMW, OXF – and see Kent and Allen (1984).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 152; BB p. 27; BM 1: 122; Clokie p. 129; CSP 7: 123, 12: 62, 13: 403; Desmond p. 52 (d. Long Ditton, Surrey, 4 Jan 1910); De Toni 1: x (2 publ. on algae); IH 2: 64; Tucker 1: 70.

BIOFILE: Anon., Bot. Not. 1885: 204, 1887: 46, 1910: 16; J. Bot. 48: 64. 1910 (d. 4 Jan 1910); Allg. bot. Z. 16: 64. 1910 (d.); Bot. Zeit. 68(2): 120. 1910 (d.).
Boulger, G.S., *in* C.E. Salmon, Fl. Surrey 55. 1931 (on his work on the Fl. of Surrey).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 287.3. 1980.

Kent, D.H., Brit. herb. 42. 1957.
Kent, D.H. and D.E. Allen, Brit Irish herb. 91. 1984.
Marshall, E.S., J. Bot. 48: 121-123. Mai 1910 (b. 9 Jun 1849, d. 4 Jan 1910, portr.).
Pearsall, W.H., Fl. Surrey 55. 1931.
Stapf, O., Proc. Linn. Soc. London 122 sess.: 94. 1909-1910 (obit.).

20.684. *On nomenclature* ... Reprinted from the "Journal of Botany" ... 1888. Oct.
Publ.: Feb 1888 (in journal), p. [1]-3. *Copy*: G. – Reprinted and to be cited from J. Bot. 36: 35-37. 1888.

20.685. *On the flora of Shetland* ... [Edinburgh 1892]. Oct.
Publ.: 1892, p. 51-55. *Copy*: HH. – Reprinted and to be cited from Ann. Soc. nat. Hist. 1892: 51-55 (info. from Cat. Arnold Arb.).

20.686. *Pseudo-Nomenclature* ... [Vaila, Walton on-Thames ... 1896]. Oct. (*Pseudo-Nom.*).
Publ.: 2 Apr 1896 (date on p. 10: G rd. 17 Apr 1896), p. [1]-10. *Copies*: B, G. – Independent pamphlet.
Ref.: Britten, J., J. Bot. 34: 230-232. Mai 1896 (Reply James Britten who had refused to print Beeby's text in J. Bot.).

***Beechey, Frederick William** (1796-1856), British rear-admiral and geographer, entered the British navy 1806, lieutenant 1815, accompanied Franklin's Arctic expedition, 1818, employed in survey of the coasts of North Africa 1821-1823, South America 1835, and Ireland, 1837; captain 1827; rear-admiral; president Royal Geographical Society 1835. (*Beechey*).

HERBARIUM and TYPES: See TL-2/1: 164. – B's mss. in W.J. Hooker collection manuscript lists in E-GL. – Botanical collectors on the "Blossom" were George T. Lay and Alexander Collie.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 152 (b. 17 Feb 1796, London, d. 29 Nov 1856, London); BM 1: 122, 6: 72; Bret. p. 288-289; CSP 1: 242-243; Desmond p. 53; DNB 4: 121-122 (see also Concise DNB p. 82, info. in our caption); IH 2: 64; Jackson p. 224; Kew 1: 200; Lasègue p. 84-85, 562 (index);NI p. 12; Rehder 1: 302, 3: 368; TL-2/1: 164, and see indexes; Tucker 1: 70; Zander ed. 10, p. 633, ed. 11, p. 719-720.

BIOFILE: Alden, R.H. and J.D. Ifft, Occ. Pap. Calif. Acad. Sci. 20: 30-31. 1943.
Anon., Flora 19(1): 64. 1836 (announcement of forthcoming exp. "Sulphur"); Newsletter Soc. Bibl. nat. Hist. 12: 7. 1981 (mss. at E-GL).
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Jaeger, E.C., Source-book biol. names terms ed. 3. 308. 1966.
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Lada-Mocarski, V., Bibl. books Alaska 336-338. 1969.
Lamb, G.F., Franklin, happy voyager 289. 1956.

McCaughey, V., Hawaiian Forester Agric. 15: 509. 1918 (visit Lay and Collie Hawaii on B's Voyage).
McVaugh, R., Contr. Univ. Michigan Herb. 9: 222-223. 1972 (on colls. made on B's voyage 1825-1828).
Miller, H.S., Taxon 19: 514. 1970.
Nissen, C., Zool. Buchill. 37 (no. 285). 1966.
Reiche, F., Grundz. Pfl-Verbr. Chile 9. 1907.
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Schmid, G., Chamisso als Naturforscher nos. 219-221. 1942.
Smith, B., European vision and the South Pacific 333, *pl. 215*. 1985.
Thomas, J.H., Huntia 3: 10. 1969 (expl. Amer. Pacific Coast).

20.687. *Narrative of a voyage to the Pacific* and Beering's Strait, to co-operate with the Polar expeditions: performed in His Majesty's Ship Blossom, under the command of Captain F.W. Beechey, R.N. ... in the years 1825, 26, 27, 28 ... London (Henry Colburn and Richard Bentles) 1831. Qu. (*Narr. voy. Pacific*).
Publ.: *1*: 1831, p. [i]-xxi, [xxii-xxiv], errata slip, [1]-392.
2: 1831, p. [i]-vii, [viii], [393]-742, [743-744].
Copies: Data taken from Lada-Mocarski 1969, p. 336-338, q.v.
New edition: 1831. *Copy*: MO. – Octavo issue.
1: map, p. [i]-xvii, [xix-xxii], [1]-472, *11 pl.*, 2 further maps.
2: p. [i]-iv, [1]-452, *10 pl.*
German translation: 1832. *Copy*: MO.
1: p. [ii]-viii, [1]-472, fold-out sketch. – Issued in Neue Bibliothek Reisebeschreibungen vol. 59, Weimar 1832. Oct.
2: p. [ii]-viii, [1]-450, fold-out chart. – Id. vol. 61, Weimar 1832. Oct.
Title: *Reise nach dem Stillen Ocean* und der Beeringstrasse, zur Mitwirkung bei den Polarexpeditionen, ausgeführt im königl. Engl. Schiffe Blossom unter dem Commando des Captain F.W. Beechey ... Weimar (im Verlage des Grossh. Sächs. priv. Landes-Industrie-Comptoirs. 1832. Oct. (*Reise Still. Ocean*).

Beekman, Hendrick Albert Johan Michiel (1874-?), Dutch botanist and forester, born at Utrecht, at the Rijks Landbouwschool Wageningen 1895, id. at the Forstakademie Tharandt, Sachsen 1896, at the University of Leiden 1897, forester in the Netherlands Indies 1897, in charge of the Bosbouwproefstation in Buitenzorg (Bogor) 1911, Dr. Agric. Wageningen 1920, id. professor from 1921. (*H. Beekman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 152 (b. 12 Aug 1874, Utrecht).

BIOFILE: Anon., Wie is dat, 's Gravenhage. 1931 (p. 14) and 1948 (p. 25).
Brugmans et al., Persoonlijkheden Koninkrijk Nederl. 91-92. 1938 (Amsterdam, Van Holkema & Warendorf N.V.)

20.688. 78 *Preanger-houtsoorten*. Beschrijving, afbeelding en determinatietabel ... Batavia (G. Kolff & Co.) 1920. Qu. (*Preanger-houtsoorten*).
Publ.: 1920, p. [i-v], [1]-186, [187], *pl. 1-60* (uncol. microphot. of woods). *Copy*: U. – Issued as Meded. Proefstat. Boschwezen, Batavia no. 5. 1920.

Beekman, Willem Lubbertus (1895-x), Dutch botanist, born in Sappemeer nr. Groningen; studied at the University of Groningen, Dr. phil. ib. 12 Jan 1924. (*Beekman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 152 (b. 10 Sep 1895).

20.689. *Ueber die Torsion des Stengels von Psilotum Bernhardi.* Beiträge zur Kenntnis der autonomen Bewegungen. Proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Rijksuniversiteit te Groningen, ... in het openbaar te verdedigen op Zaterdag 12 Januari 1924, des namiddags te 4 ure ... Amsterdam (Drukkerij en Uitgeverij J.H. de Bussy) 1924. Oct. (*Torsion Steng. Psilotum Bernh.*).
Publ.: 12 Jan 1924 (date of defense thesis), cover-t.p., p. [i, iii, v, vii], [1]-108, [109-110], theses on loose leaflet p. [1-3], *1 pl.* (uncol.). *Copy*: L. – Later published in Receuil trav. bot. néerl. 21: 1-110, *1 pl.* 1924.

Beeldsnijder, Gerard Johannes (1791-1853), Dutch landed Gentleman at Rupelmonde, Nieuwersluis nr. Utrecht. (*Beeldsnijder*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 38; PR 559, ed. 1: 648; Rehder 1: 51.

BIOFILE: Frison, Ed., H.F. van Heurck 94. 1959.
Kuijlen, J. et al., Paradisus batavus 35, 154, 155. 1983 (bibl. analysis of the continuation).

20.690. *Catalogue des plantes de Beeldsnijder*, qui se trouvent à Rupelmonde, Province d'Utrecht, entre les villages Loenen et Breukelen ... [Rotterdam (bij A. Maij van Vollenhoven) 1823. Oct. (*Cat. pl. Beeldsnijder*).
Publ.: 1823 (no date in book; received at G 1823; mention is made of plants received Mar 1821; publication in 1822 is possible), p. [i]-iv, [1]-29, [30, 31]. *Copies*: G (2), NY.
Continuation du Catalogue ... de Beeldsnijder: 1823 (p. iv: Gouda 27 Feb 1823), p. [i-iv], [1]-14, *1 pl.* (by J.C.D.B.). *Copy*: G.

***Beer, Johann Georg** (1803-1873), Austrian municipal administrator ("Stadtrath") and businessman, amateur botanist and horticulturist in Vienna, from 1859 secretary of the k.k. Gartenbau-Gesellschaft. (*Beer*).

HERBARIUM and TYPES: IBF (orig.?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 153 (b. 3 Jul 1803, Wien, d. 13 Mar 1873, Wien); BM 1: 123; CSP 1: 245, 7: 123; Hortus 3: 1188; IH 2: 65; Jackson p. 125, 138; Kew 1: 201; Langman p. 122-123; NI 122; PR 561-564; Rehder 2: 661, 3: 146, 650; RS p. 74; TL-2/1: 164-165; Zander ed. 10, p. 633, ed. 11, p. 720.

BIOFILE: Anon., Bonplandia 3: 112. 1835 ("goldene Gelehrtenmedaille" for his *Prakt. Stud. Orchid.* TL-2/397), 4: 333-337. 1856 (detailed critical review of his *Fam. Bromel.*), 8: 33. 15 Oct 1860 (member Leopoldina 1 Mai 1860, cognomen N.J. Jacquin); ÖBZ 9: 264-265. 1859 (secr. k.k. Gartenb-Ges.), 23: 135. 1873 (obit. not., d. 13 Mar 1873); Flora 43(48): 768. 28 Dec 1860 (member Leopoldina, cognomen N.J. Jacquin); J. Bot. 11: 159. 1873 (d.).
Beer, J.G., Bonplandia 4: 382-384. 15 Dec 1856 ("Einiges über Bromeliaceen").
Milde, J., Bot. Zeit. 23(51): 390-391. 22 Dec 1865 (critical discussion of B's classification of the ferns, publ. in ÖBZ 1865).

20.691. Der Unterfertigte nimmt sich dei Freiheit *die neue Eintheilung der* Familie der *Orchideen*, welche in seinem Werke: "Praktische Studien an der Familie der Orchideen" durchgeführt erscheinen wird, – vorzulegen. ... [Wien (Druck von Carl Ueberreuter) s.d. [i.e. 1853]]. Oct. (*Neue Eintheilung Orchideen*).
Publ.: Jan-Jul 1853 (Bonplandia 1(16): 155. 1 Aug 1853, rd. by Berlin botanists), p. [1]-3. *Copy*: G. – Independent publication, distributed to announce his forthcoming *Prakt. Stud. Orchid.* 1854, TL-2/397.

20.692. *Über das Vorkommen eines Schleuderorganes* in den Früchten verschiedener Orchideen ... Wien (aus der k.k. Hof- und Staatsdruckerei ...) 1857. Oct.
Publ.: Mar 1857 (in journal), cover-t.p., p. [1]-8, *pl. 1-2* (uncol.). *Copies*: G, L. – Reprinted and to be cited from S.B. math. nat. cl. k. Akad. Wiss. Wien 24: 23-28, *pl. 1-2*. 1857.

20.693. *Versuch einer Classification* der Familie *der Farne* ... [Wien (Druck von C. Ueberreuter) 1865]. Oct.
Publ.: Nov 1865 (in journal), p. [1]-7. *Copy*: B. – Reprinted and to be cited from ÖBZ 15: 337-343. 1865.

Beetle, Alan [Allen] **Ackerman** (1913-x), American botanist and collector; Dr. phil. Berkeley (Calif.) 1941; agrostologist in the College of Agriculture of the University of Wyoming. (*Beetle*).

HERBARIUM and TYPES: UC and WYAC (main colls.), further material in AHFH, BPI, CSAT, GH, HH, HNH, L, M, MICH, MO, RM, SPH, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 153 (b. 8 Jun 1917); BL 2: 197, 286; Hortus 3: 1188; IH 2: 65.

BIOFILE: Funk, V.A. and S.A. Mori, Smithson. Contr. Bot. 70: 4. 1989 (colls.).
Knobloch, I.W., Plant coll. N. Mexico 4. 1979 (Mexican colls. at WYAC).

20.694. *Flowering plants* and ferns *of the Fox Research Forest* Hillsboro, New Hampshire ... Concord, N.H. (New Hampshire forestry and recreation department) 1938. Oct. (*Fl. pl. Fox Res. Forest*).
Publ.: early 1938 (date on t.p.; printed 1937 see p. [2]), cover-t.p., p. [1, t.p.]-40. *Copies*: MO, NY, U. – Herbarium material at SPH, collected 1936-1938. – Issued as Bull. C.A. Fox Research and Demonstr. Forest no. 9. 1938.

Beger, Herbert K.E. (1889-1955), German (Dresden) botanist, Dr. phil. Zürich, ca. 1927 scientist at the Preussische Landesanstalt für Wasser-, Boden- und Lufthygiene, Biol. Abt., Berlin-Dahlem. (*Beger*).

HERBARIUM and TYPES: B (herbarium rd. 1938, intact).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 153 (b. 3 Mai 1889, Dresden); BFM 2037; BJI 2: 9; Hegi 6(2): 1243; Zander ed. 10, p. 633, ed. 11, p. 720.

BIOFILE: Anon., Ber. deut. bot. Ges. 68: 105. 1955 (d. 12 Mar 1955 in Berlin-Zehlendorf).
Beger, geb. Wendel, E., Tagesspiegel 13 Mar 1955 (d. 12 Mai 1955; death notice).
Pilger, R., Mitt. Bot. Gart. Mus. Berlin-Dahlem 1(1): 17. 1953 (herb. intact at B).
Scholz, H., ed., Botany in Berlin, Englera 7: 39, 48, 230. 1987 (herb. at B in toto).

COMPOSITE WORKS: (1) Contributed to C. Schröter, *Lebensgesch. Bl.-Pfl. Mitteleur.* 3, Abt. 3. 1926-1932, see TL-2/11.174.
(2) Contributed to G. Hegi, ed., *Ill. Fl. Mitt. Eur.* vols. 5(1), 5(2), 5(3), 6(2), see TL-2/2571.

20.695. *Verzeichnis der ostfriesischen Inselflora* ... s.l. [privately published]. 1904. Oct.(form.). (*Verz. ostfries. Inselfl.*).
Publ.: 1904, p. [1]-29. *Copy*: B.

20.696. *Über die Stammpflanzen der Flores Chrysanthemi* ... Sonderabdruck aus: Zeitschrift für Desinfektions- und Gesundheitswesen ... 1927. Qu.
Publ.: 1927, p. [1]-5. *Copy*: B. – Reprinted from Z. Desinfekt. Gesundh.-Wesen 1927(3) (n.v.).

20.697. *Atmophytische Moosdiatomeen in den Alpen* [Sonderabdruck aus der Festschrift Hans Schinz ... 1928]. Oct.
Publ.: 6 Dec 1928 (in Festschrift), t.p. [identif.], p. [362]-404. *Copy*: B. – Reprinted and to be cited from Festschrift Hans Schinz, Beibl. Viertelj.-Schr. naturf. Ges. Zürich 73(15): 362-404. 1928.

Bégué, Louis Henri (1906-x), French botanist, "Inspecteur des Eaux et Fôrets des Colonies" in West Africa (*Bégué*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 40; IH 2: 65.

BIOFILE: Humbert, H., Compt. Rend. AETFAT 4: 140. 1962 (on collections).
Reed, C.F., Bibl. fl. S.E. Asia 13. 1969.

20.698. *Contribution* à l'étude de la *végétation forestière* de la *Haute-Côte d'Ivoire* ... Paris (Librairie Larose ...) 1937. Oct. (*Contr. veg. for. Haute-Côte Iv.*).
Publ.: 25 Mar 1937 (or a few days later; date of finishing printing), p. [i-iii], [1]-126, [127-128], unnumbered map, *pl. 1-19*. *Copies*: B, G.

***Béguinot, Augusto** (1875-1940), Italian botanist, educated at the Lyceum-Gymnasium E.Q. Visconti, Rome, studied at the University of Rome 1894-1898, Dr. Sci. nat. 1898, field research on the Italian flora 1898-1900, assistant at the Istituto Botanico, Padova 1901, adjunct id. 1902, docent 1903-1915, director of the institute 1915-1920, also director Botanical Garden Ferrara 1918-1920, professor of botany at the University of Sassari 1921, id. Messina 1923, Modena 1924-1929, regular professor of botany at the University of Genoa and director of the Istituto botanico Hanbury and the Genoa botanical Garden. (*Bég.*).

HERBARIUM and TYPES: GE; further material at B, BI, BM, BP, E, FI, HH, K, LAU, MOD, OXF, PAD. – Contributed to *Flora Italica exsiccata* ed. A. Fiori et al. 1905-1927.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 154; BFM 3088; BJI 2: 9-10; BL 1: 42, 2: 628 (index); BM 6: 72; Bossert p. 32; Clokie p. 129; CSP 13: 406-407; DTS 6(4): 114-115; Hortus 3: 1188; IH 2: 65, 197; Kew 1: 202-203; Langman p. 123; LS 2240; MW p. 39; Rehder 1: 430; Saccardo 2: 16; TL-2/1: 165 and indexes; Tucker 1: 70, 765.

BIOFILE: Adamovic, L., Die Pflanzenwelt der Adrialänder 166. 1929 (19 titles).
Béguinot, A., Nuovo Giorn. bot. ital. ser. 2. 47: 718-749. 1940 (publ. shortly after 30 Apr 1941, date of printing; detailed biogr. and review of his work).
Cavillier, F., Boissiera 5: 17. 1941 (bibl.).
DeBeaux, Ann. Mus. civ. stor. nat. Giacomo Doria 61: (1)-(2). 1943 (obit. not.).
Fiori, A. and E. Vaccari, Archivio bot. 16(1): 1-82. 1940 (detailed biogr., bibl. 290 nos., reviews, portr., major source; *bibliography by Vaccari*).
Lusina, G., Annali Bot. 25(1,2): 131-137. 1958 (Bibl. bot. Lazio [Roma] with notes).
Negri, G., Nuovo Giorn. bot. ital. ser. 2. 47: 718-719. 1940 (obit.); Atti Soc. Natural. Mat. Modena 71: 94-115. 1940 (obit., portr.).
Verdoorn, F., Chron. bot. 6(5): 114-115. 1940 (curr. vit., portr.).

COMPOSITE WORKS: (1) *Flora e vegetaziòne*, *in* Encicl. ital. sci. lett. arti 29: 729-736. 1933.
(2) *Le crittogami cellulari* (Tallofiti e Briofite). Prefazione, *in* Brunelli, G. et al., ed., *La laguna di Venezia* 3: 77-81. 1938.

20.699. *Di una famiglia e di alcuni generi nuovi* per la flora della provincia di Roma ... "Estratto dal Bulletino della Società botanica italiana [Firenze]" ... 1899. Oct.

Publ.: 1899 (read 8 Jan 1899), p. [23]-31. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. ital. 1899: 23-31.

20.700. Il *genere Gagea* Salisb. nella flora romana ... Estratto dal Bulletino della Società botanica italiana [Firenze] ... 1899. Oct.
Publ.: 1899 (read 8 Jan 1899), p. [31]-35. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. ital. 1899: 31-35.

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Publ.: Oct 1899 (in journal), p. [483]-492. *Copy*: G. – Reprinted and to be cited from Nuovo Giorn. bot. ital. ser. 2. 6(4): 483-492. 1899.

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Co-author: Antonio Vaccari (b. 1867), see TL-2/6: 625-627.
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Co-author: Arnolfo Andreucci, army physician on active service in Macedonia ("Reminiscenze di guerra"), text by Béguinot based on A's notes and plants).
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***Béhéré, Jean Baptiste Joseph** (1763-1840), French teacher of mathematics at Rouen, also active as botanist. (*Béhéré*).

HERBARIUM and TYPES: Some material at ROUEN (fide Sayre).

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Behlau, Joachim Arthur (1910-x), German (b. Bismarckhütte, Oberschlesien) botanist, educated at Beuthen O.S., studied botany, zoology, chemistry and mathematics at the University of Breslau 1929-1934, Dr. phil. ib. 1935. (*Behlau*).

HERBARIUM and TYPES: Unknown.

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Behm, Moritz (1867-?), German (Bavarian) pharmacist, educated at the humanistic Gymnasium Nürnberg, qualified himself for the study of pharmacy 1884-1890, at the University of München 1890 as student with Radlkofer, at the University of Erlangen, Dr. phil. ib. 1895. (*M. Behm*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 154 (b. 1 Dec 1867, München); Rehder 2: 168; Tucker 1: 70.

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***Behr, Hans Herman[n]** (1818-1904), German (Saxony-Anhalt) physician, botanist, entomologist and poet, studied at the Universities of Halle (1837), Würzburg, and Berlin, Dr. med. Berlin 1843, went to Australia 1844-1845, collecting plants and insects, extended his travels to the Straits Settlements, East Indies and South Africa, returned to Germany 1848, went to Brazil 1848, Australia 1848, and the Philippine Islands 1849-1850, settled in California 1850 as practicing physician, later professor of botany at the California College of Pharmacy, San Francisco, narrowly associated with the Californian Academy of Sciences. (*Behr*).

HERBARIUM and TYPES: Australian material at MEL, Californian material partly destroyed in San Francisco 1906, some material still at CAS(DS), further collections FI, HAL, HBG, LE, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 154 (b. 18 Aug 1818, d. 6 Mar 1904); BB p. 339; Bossert p. 32; CSP 1: 248, 7: 124-125, 9: 171-172, 12: 63, 13: 409; Desmond p. 53; Hortus 3: 1188; HR; IH 2: 65; Kew 1: 203; Langman p. 123; ME 1: 536 (index); NAF ser. 2. 4: 41; Rehder 1: 324, 325, 326, 501, 507; SK 8: xiii; TL-2/1: 166; Tucker 1: 70.

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Behrendsen, [August Wilhelm] Otto (fl. 1876), German botanist, geologist and palaeobotanist, sometime teacher at the Gymnasium in Hildesheim. (*O. Behrendsen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 154; BM 1: 124; Futak-Domin p. 98.

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Behrendsen, Werner (x-1923), German physician and amateur botanist, practicing in Berlin. (*Behrendsen*).

HERBARIUM and TYPES: U (original herbarium from Germany 1871-1912), further material in AK, B.

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Co-author: Jacob von Sternbeck (1864-1941), see TL-2/5: 903-904.
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Behrens, Johannes August (1864-1940), German (Hildesheim) botanist, educated at the Roman Catholic Seminar school and the Gymnasium Josephinum in Hildesheim 1874-1881, studied natural sciences at the University of Göttingen 1881-1885, id. Universität Kiel 1885-1886, Dr. phil. Kiel 1886, teacher's schooling 1886-1888, teacher at Hildesheim 1888-1889, assistant at the Agricultural-Botanical Experiment Station at Karlsruhe 1890-1900, habil. Karlsruhe 1894, extraordinary professor ib. 1898, briefly at the vinicultural experiment station Weinsberg 1900-1901, in charge of the Baden agricultural research station at Augustenberg 1901-1907, director of the Biologische Reichsanstalt Berlin-Dahlem 1907-1920, in retirement in Hildesheim from 1920, active in local floristics and conservation. (*J. Behrens*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 155 (b. 21 Jan 1864, Hildesheim, d. 25 Jul 1940, ib.); LS 30.988-31.007; Rehder 5(index): 64; Tucker 1: 70.

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Ref.: Noll, F., Bot. Zeit. 55(2): 361-362. 1 Dec 1897 (rev.).

Behrens, [Georg] Wilhelm Julius (1854-1903), German (Braunschweig) botanist and teacher, educated at the Collegium Carolinum (Braunschweig) mainly interested in botany and chemistry; studied at the University of Göttingen, mainly with Johannes Reinke, Dr. phil. ib. 1875, studied with J. Sachs, Würzburg 1875-1876; highschool teacher at the technical school in Elberfeld, from ca. 1877-1878 active as a private scientist at Göttingen, author of various botanical handbooks and editor of the Zeitschrift für wissenschaftliche Mikroskopie. (*W.J. Behrens*).

HERBARIUM and TYPES: GOET (4000; see Wagenitz 1982, p. 21).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 155; BJI 1: 4; BM 1: 124; CSP 9: 172, 12: 63, 13: 412; De Toni 1: x, 2: xii; IH 2: 65; Jackson p. 64, 92; LS 2186; Morren ed. 10, p. 12; Rehder 5(index): 64.

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(2) Editor: *Zeitschrift für wissenschaftliche Mikroskopie* 1-19. 1884-1902.

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Behuneck, Hugo (1849-?), German (Schlesien) botanist, educated at the St. Martha Magdalena Gymnasium, Breslau until 1896, studied at the University of Breslau 1869-1873, assistant ib. 1873-1875, teacher at the Gymnasium in Ratibor 1875-1876, id. at the St. Johann Realschule, Danzig 1876-1878, Dr. phil. Kiel 1879. (*Behuneck*).

HERBARIUM and TYPES: Unknown.

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Ref.: N.L., Bot. Zeit. 37: 711. 31 Oct 1879 (rev., see also ib. 38: 386. 1880, and 39: 277. 1881).

***Beijerinck, Martinus Willem** (1851-1931), Dutch botanist (microbiologist), studied biological technology at the University of Delft 1869-1872, idem part time biology at the University of Leiden 1872-1877, Dr. phil. Leiden 1877 as student of F.W.R. Suringar, teacher at the Agricultural College at Warffum, id. at the Lyceum at Utrecht 1875, at the Wageningen Agricultural College 1876-1885, employed by the Dutch yeast and alcohol factory at Delft 1885-1895, professor of microbiology at the Delft Polytechnic 1895-1921, in retirement at Gorssel, Overijssel. (*Beij.*).

HERBARIUM and TYPES: NBV.

NOTE: The author spelled his name occasionally "Beyerinck" e.g. in his publication *Ueber die Bastarde* 1886.

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Publ.: 14 Jun 1877 (date of defense thesis), p. [i-iv], [1]-92, *pl. 1-2* (uncol. liths. auct.), [93]-94 theses. *Copy*: U.

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Publ.: 1882, p. [i*-ii*], [i]-iv, [1]-198, *pl. 1-6* (uncol. liths.). *Copy*: KNAW. - Issued as Natuurk. Verh. Kon. Akad. 22. 1882.

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***Beijerinck, Willem** (1891-1960), Dutch botanist, assistant at the microbiological department of the Technical College Delft 1917-1918, studied at the Agricultural College at Wageningen, Dr. phil. ib. 1927, assistant with the plant physiology institute at Wageningen 1926; founder and director of the Biological Station at Wijster 1926-1953; from 1953-1957 idem when the station had become a department of the Wageningen College. (*W. Beij.*).

HERBARIUM and TYPES: L, dupl. at K and U.

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Copies: U.

20.785. *Sphagnum en sphagnetum* ... 1934, see TL-2/406.
Note: Originally published in *De levende Natuur* 37(10): 306-310. 1 Feb, 37(11): 337-343. 1 Mar, 38(1): 19-26. 1 Mai, 38(2): 51-57. 1 Jun, 38(3): 87-96. 1 Jul, 38(5): 148-156. 1 Sep, 38(6): 184-188. 1 Oct, 38(7): 215-220. 1 Nov 1933.

20.786. *Aanteekeningen over het Noorden van Finsch Lapland* (Paatsjoki-, Inari- en Petsamo-Gebied) ... Opgenomen in het Tijdschrift Koninklijk Aardrijkskundig Genootschap ... 1936. Oct.
Publ.: Mar 1936 (in journal), cover-t.p., p. [204]-230, 2 p. photos, 1 map. *Copy*: L. – Reprinted and to be cited from Tijdschr. Kon. Ned. Aardrijksk. Genootsch. ser. 2. 53: 204-220. 1936.

20.787. *Die geografische Verbreitung von Calluna vulgaris* (L.) Salisb. ... [Amsterdam] (Société botanique néerlandaise) 1936. Oct.
Publ.: Mai 1936 (date on cover-t.p. [ii*]), p. [i*-ii*], [341]-350. *Copy*: U. – Reprinted and to be cited from Receuil Trav. bot. néerl. 33: 341-350. 1936, also Mitt. Biol. Sta. Wijster no. 11.

20.788. *Uebersicht der bis jetzt bekannten Formen von Calluna vulgaris* (L.) Hull ... [Amsterdam] (Société botanique néerlandaise) 1937. Oct.
Publ.: Nov 1937 (date on p. [ii*] of cover-t.p.), cover-t.p., p. [i*-ii*], [445]-470. *Copies*: U(2). – Reprinted and to be cited from Receuil Trav. bot. néerl. 34: 445-470. 1937.

20.789. *De diatomeeënflora van de Drentsche beken* (Mit Zusammenfassung) ... Reprinted from Proceedings [K.N.A.W.] ... 1939. Oct.
Publ.: 1939, p. [i], [1]-12. *Copies*: L, U. – Reprinted and to be cited from Proc. Kon. Ned. Akad. Wetensch. 42(3): 262-273. 1939.

Beille, Lucien (1862-1946), French (Aurillac) pharmacist, physician and botanist at Bordeaux, studied at the University of Bordeaux, professor of materia medica ib. 1908, director of the Jardin botanique de la ville de Bordeaux from 1901; Dr. sci. nat. Bordeaux 1902. (*Beille*).

HERBARIUM and TYPES: If any at BORD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 155 (d. 30 Nov 1946); BL 2: 108, 628; LS 2262; Rehder 5(index): 65; Tucker 1: 71.

BIOFILE: Gagnepain, F., *in* Lecomte, H., Fl. gén. Indochine, prélim. vol. 34. 1944 (b. 13 Dec 1862, Aurillac).

COMPOSITE WORKS: *Euphorbiaceae* with F. Gagnepain, *in* H. Lecomte, *Fl. gén. Indo-Chine* 5(4-6): 229-372. Dec 1925, 373-516. Mai 1926, 517-673. Sep 1927.

20.790. *Essai* sur les *zones* de *végétation* du *Massif Central* de la France ... [Bull. Soc. Sci. phys. nat. Toulouse 1889]. Oct.
Publ.: 1889, p. [447]-592, 1 uncol. fold. map. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Sci. phys. nat. Toulouse 8: 447-592. 1 map. 1889.

20.791. Série A. no. 413 no. d'ordre: 1088. Thèses présentées à la faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles ... Première thèse *Recherches sur le développement floral des Disciflores*. Deuxième thèse propositions données par la Faculté.

Soutenues le 5 mars 1902, devant la Commission d'examen ... Bordeaux (Imprimerie J. Durand, ...) 1902. Oct. (*Rech. dével. fl. Disciflores*).
Publ.: 5 Mar 1902 (date of defense thesis), cover-t.p., p. [i-ii], [1]-177, [179-181]. *Copies*: B, L.
Ref.: Belzung, E., Bull. Soc. bot. France 50: 302-304. 1903 (rev.):

20.792. *Précis de botanique pharmaceutique* ... Paris (A. Malvine, éditeur ...) 1904-1909. Duod. (*Préc. bot. pharm.*).
Publ.: *1*: Jan-Mar 1904 (Nat. Nov. Apr (1) 1904), cover-t.p., p. [i*, t.p.], [i]-iii, [1]-590, [591]. – Oct. *Copy*: U.
2: Sep 1908 (t.p. 1909; Nat. Nov. Oct (1,2) 1908), cover, p. [i]-vii, [1]-1248. – Duod. *Copy*: U.
Ed. 2: Jan-Mar 1925 (Nat. Nov. Apr 1925), cover, p. [i]-vii, [1]-1219, [1220], *pl. 1-8* (col.). *Copy*: U.

***Beilschmied, Carl** [Karl] **Traugott** (1793-1848), German (Schlesien) botanist and pharmacist, educated at the gymnasium of Bunzlau, practical pharmaceutical training in Beuthen a.d. O. 1807, id. Breslau 1814-1817, pharmacist at Beuthen 1817-1819, id. Berlin 1819, id. Bonn 1820, studied at the University of Bonn 1820-1822, pharmacist at Ohlau 1822, from 1826 owner of the Mende'sche pharmacy, combining his work at the pharmacy with field botany as well as editing the german version of Wikström's botanical annual bibliographies; Dr. phil. h.c. Breslau 1837; moved to Herrnstadt 1845, died of tuberculosis. (*Beilschm.*).

HERBARIUM and TYPES: Herbarium sold in 1848, probably dispersed. – Some material in REG, STR (through C.G. Nees).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 60; Barnhart 1: 155 (b. 19 Oct 1793, Langenöls, Schles., d. 6 Mai 1848, Herrnstadt, Schles.); BL 2: 528; BM 1: 125; CSP 1: 248; DTS 1: xxix, 6(4): 24; GR p. 62; Kew 1: 204; KR p. 68; LS 2206-2207; PR 577-578, ed. 1: 665-666; Rehder 1: 255, 378; TL-2/1: 167 and see indexes; TR 80; Tucker 1: 71.

BIOFILE: Anon., Flora 21(1): 239. 1838 (Dr. phil. h.c. Univ. Breslau), 28(2): 544. 1845 (moved to Herrnstadt, Schlesien), 31(1): 400. 1848 (herb. for sale), 32(37): 592. 1849 (sale library); Bot. Not. 1849: 88 (d.); Bot. Zeit. 7: 15, 592. 1849 (herbarium, 10.000 and 3023 nos. for sale).
Berg, E. de, Add. Thes. Lit. Bot. 7. 1859.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 394. 1877.
Fürnrohr, A.E., Flora 31: 337-349. 7 Jun 1848 (biogr., bibl.; b. 19 Oct 1793, Langenöls, Schlesien, d. 6 Mai 1848, Herrnstadt, Schlesien).
G.P., Bot. Zeit. 6: 454-455. 1848 (obit.).
Ilg, W., Hoppea 42: 84, 168, 216, 237, 240. 1984 (on B. and Regensb. bot. Ges.).
Jessen, K.F.W., Bot. Gegenw. Vorz. 365, 430. 1864.
Hausmann zu Stetten, F. zu, Fl. Tirol (3): 1172. 1854 (botanical trip Switzerland and Austria).
Hein, W.H., Veröff. Int. Ges. Gesch. Pharm. ser. 2. 40: 77, 98-100. 1973 (brief biogr. note, facs. of letter, on B's translation of Watson's *Remarks*, TL-2/16.803 q.v.).
Lack, H.W. and O. v. Sydow, Willdenowia 13: 413. 1983 (letter to Nees at UPS-UB).
Pax, F., Schlesiens Pflanzenwelt 12-13. 1915; Bibl. Schles. Bot. 39. 1929.
Sayre, G., Bryologist 80: 504. 1977 (some mosses at STR).
Schmid, G., Chamisso als Naturforscher 166. 1942.
Stieber, M.T. et al., Huntia 4(1): 48. 1981 (mss. transl. of a text by H.C. Watson at H).
Wimmer, F., Fl. Schlesien ed. 2. 2: 150. 1844.
Wulff, E.V., Intr. hist. pl. geogr. 22. 1943.

COMPOSITE WORKS: (1) see TL-2/1: 167.
(2) see H.C. Watson, TL-2/16.803, German translation with additions and further observations of *Rem. geogr. distr. Brit. pl.* 1835.
(3) see J. Lindley, TL-2/4644, *Intr. nat. syst. bot.*, German extract 1833.

(4) see J.E. Wikström, TL-2/7: 284 (comp. works) for his German translation (with many additions by the translator) of the *Öfversigt ... botaniska arbeten* et al., as *Jahresbericht* ... über die Fortschritte der Botanik im Jahre 1820 [-1843], Breslau 1834-1847. See Pritzel 10.259 and especially PR ed. 1, no. 666.

20.793. *Pflanzengeographie*, nach Alex. von Humboldt's Werke ueber die geographische Vertheilung der Gewächse, mit Anmerkungen, grösseren Beilagen aus andern pflanzengeographischen Schriften und einem Excurse über die bei pflanzengeographischen Floren-Vergleichungen nöthigen Rücksichten, ... mit einem Chärtchen. Breslau (bei Wilhelm Gottlieb Korn) 1831. Oct. (*Pfl.-Geogr.*).
Note: For Humboldt's work see TL-2/3144, *Distr. geogr. pl.*
Publ.: 1831 (p. [ix] signed Jan 1831), p. [i]-xiii, [1]-199, 201, 2 tables. *Copy*: G.
Ref.: Anon., Flora 14(2): Intell. Bl. 1: 3-5. Jul-Aug 1831, 14(2) Lit. Ber. 15: 219-223. Jul-Dec 1831 (rev.).
Schlechtendahl, D.F.L. von, Linnaea 6(Litt.): 4-5. Jul-Dec 1831 (rev.).

20.794. *Nixus plantarum*. Auctore Johanni Lindley ... *Die Stämme des Gewächsreiches* von John Lindley, ... verdeutscht durch C.F. Beilschmied. Mit einer Vorerinnerung von Dr. C.G. Nees von Esenbeck. Nürnburg (bei Johann Leonhard Schrag) 1834. Oct. (*Nix. pl. Stämme Gewächsr.*).
Publ.: Mar 1834 (Regensburg rd. 12 Mar 1834), p. [i]-x, [11]-44. *Copies*: L; IDC 7104. – See also TL-2/4647, *Nixus plantarum*.

Beinert, Carl Christian (1793-1868), German (Waitsdorf bei Bernstadt) pharmacist, palaeobotanist and mycologist at Charlottenbrunn (Schlesien), Dr. phil. Breslau 19 Aug 1849. (*Beinert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 155 (b. 15 Jun 1793, Waitsdorf, Schles., d. 20 Dec 1868, Charlottenbrunn, id.); BM 1: 125, 690; CSP 1: 249; Jackson p. 179; LS 2208-2210; PR p. 20; Quenstedt p. 30; Rehder 4: 448.

BIOFILE: Anon., Flora 32(7): 110. 1849 (Dr. phil. Breslau), 40(3): 48. 1857 ("rother Adler Orden"), 41(14): 224. 1858 (member Leopoldina), 52(4): 62. 16 Feb 1869 (d. 20 Dec 1868); Bot. Zeit. 27(1): 16. 1 Jan 1869 (d. 20 Dec 1868); Jahrb. Schles. Forstver. 1869: 449-451. 1870 (obit.).
Cohn, F., Jahresber. Schles. Ges., Bot. 71: 17-19. 1894.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 394. 1877.
Ilg, W., Hoppea 42: 310, 318. 1984 (relations with Regensb. Bot. Ges.).
Oelsner, Th. Jahresber. Schles. Ges. 1869: 289-291. 1870.
Pax, F., Bibl. Schles. Bot. nos. 1760-1762, 1775, 2025, 2333, 2333a, 2334. 1929 (bibl.).
Wimmer, F., Fl. Schlesien ed. 2. 2:: 150. 1844 (floristic work).

20.795. *Abhandlung* ueber die Beschaffenheit und Verhältnisse der fossilen Flora in den verschiedenen *Steinkohlen Ablagerungen* eines und desselben Reviers ... Leiden (bei Arnz & Comp.) 1850. Qu. (*Abh. Steinkohl. Ablager.*).
Co-author: Heinrich Robert Goeppert (1800-1884), see TL-2/1: 964-968.
Publ.: 1850 (cover: 1850, journal t.p. 1849), cover-t.p., p. [i-xv], [1]-72, 5 col. charts. *Copy*: U. – Issued as Natuurk. Verh. Holl. Maatsch. Wetensch. Haarlem ser. 2. 5(2). 1850. – "Eine mit der goldnen Medaille gekrönte Preisschrift".

Beinling, Ernst (1853-?), German (Schlesien) botanist, educated at the Santa Maria Magdalena Gymnasium Breslau, worked two years at the "Königliches pomologisches Institut" in Proskau, and studied subsequently at the University of Breslau, assistant and teacher at the agricultural institute Francisco-Josephinum and the garden school Elisabethinum in Mödling

nr. Vienna 1873-1875, studied at the University of Leipzig 1875-1878, Dr. phil. ib. 1878, student of F. Cohn and H.R. Goeppert. (*E. Beinling*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 9: 174.

NOTE: Not to be confused with Ernst Beinling (1825-1899), see Barnhart 1: 155.

20.796. Untersuchungen über die *Entstehung der adventiven Wurzeln* und Laubknospen an Blattstecklingen *von Peperomia*. Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde der philosophischen Facultät der Universität Leipzig ... Breslau (Druck von Robert Nischkowsky) 1878. Oct. (*Entsteh. adv. Wurz. Peperomia*).
Publ.: Dec 1878 (date of defense thesis, see vita), p. [i-iv], [1]-24, [25, vita]. *Copy*: GOET (NSUB). – Also published in Cohn, *Beitr. Biol. Pflanz.* 3: 25-50. 1883.

Beinling, Theodor Rudolf Berthold (1825-1900), German (Schlesien) botanist and high-school teacher, educated at the Santa Maria Magdalena Gymnasium 1839-1845, studied at the University of Breslau 1845-1850, Dr. phil. ib. 1850, ca. 1858 teacher at the "Gymnasium zu St. Maria Magdalena", Breslau. (*Th. Beinling*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 155 (b. 2 Sep 1825, Breslau); BM 1: 125; PR 579-580; Tucker 1: 71.

20.797. *De Smilacearum structura*. Dissertatio inauguralis quam consensu et auctoritate amplissimi philosophorum ordinis in Academia vratislaviensi ad summos in philosophia honores rite capessendos die vi. mensis februarii anni mdcccl H.X. publica defendet auctor ... Vratislaviae [Breslau] (Typis C.H. Storchii et Socii) [1850]. Oct. (*Smilac. struct.*).
Publ.: 6 Feb 1850 (date of defense thesis; Flora rd. Mai 1850), p. [1]-27, [28]. *Copy*: G.
Ref.: Schlechtendahl, D.F.L. von, Bot. Zeit. 8(46): 822-824. 15 Nov 1850 (rev.).

20.798. Zur öffentlichen Prüfung der Schüler des hiesigen Gymnasiums zu St. Maria Magdalena, welche zum Beschluss des Schuljahres am 25. und 26. März im grossen Hörsaale veranstaltet werden soll, sowie zu der Redeübung am 27. März ladet ehrerbietigst ein ... Director, ... 1) *Ueber die geographische Verbreitung der Coniferen*, von Dr. Beinling, 2) Schul-Nachrichten, ... Breslau (Druck von Grass, Barth und Comp. (W. Friedrich)) 1858. Qu. (*Geogr. Verbr. Conif.*).
Publ.: *Program-issue*: 25 Mar 1858, p. [i], [1]-54. *Copies*: G, MO, NY.
Trade edition: 25 Mar 1858 or later, p. [i], [1]-54. *Copy*: G. "Ueber die geographische Verbreitung der Coniferen" ... Separat-Abdruck der dem Programme des Magdalenen-Gymnasiums pro 1858 beigefügten Abhandlung. Breslau (id.) 1858. Qu.
Ref.: Anon., Bonplandia 6: 377. 15 Nov 1858 (rev.); Flora 41: 747-748. 14 Dec 1858.
Müller, K., Bot. Zeit. 16(25): 182-183. 18 Jun 1858 (rev.).
Regel, E., Gartenflora 7(10): 327-328. Oct 1858 (rev.).

***Beissner, Ludwig** (1843-1927), German (Mecklenburg) gardener and dendrologist, trained at Eisenach, Erfurt, Klein-Glienicke and Potsdam; gardener at the Botanical Garden Breslau 1865 (also studying with Göppert on the university); travelled to various botanical gardens in France 1867, stayed 1867-1869 at Hyères, Riviera, with the horticultural establishment of Huber & Co., returned to Germany 1870, gardener at Naples 1871-1882; garden inspector at the Braunschweig Botanical Garden 1882-1887, royal garden inspector at the botanical garden in Bonn-Poppelsdorf 1887-1913, in retirement in Wörrstadt, Rheinhessen 1913-1937. (*Beissn.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 155 (b. 6 Jul 1843, Ludwigslust, d. 21 Dec 1827, Wörrstadt, Rheinhessen); BM 1: 125, 6: 72; CSP 13: 415; Futak-Domin p. 99; Hortus 3: 1188 (Beissn.); Kew 1: 204; KR p. 68; Langman p. 123; Morren ed. 10, p. 25; MW p. 39-40; TL-2/1: 167-168 and see indexes; Tucker 1: 71; Zander ed. 10, p. 633; ed.11, p. 720.

BIOFILE: Anon., Mitt. deut. dendrol. Ges. 26: opp. p. 248. 1917 (portr.).
Beissner, L., Mitt. deut. dendrol. Ges. 6: 83-94. 1897, 7: 79-88. 1898, 8: 126-142. 1899, 9: 94-118. 1900, 18: 257-273. 1909.
Oertel, A., Gartenwelt 17: 376-377. 1913 (biogr., portr.).
Schwerin, Fritz Graf von, Mitt. deut. dendrol. Ges. 40: xix-xxi. 1928 (obit., portr, b. 6 Jul 1843, Ludwigslust, Mecklenburg-Schwerin, d. 21 Dec 1927, Wörrstadt).

20.799. *Systematische Eintheilung der Coniferen* und Aufzählung aller in Deutschland ohne oder unter leichtem Schutz im freiem Lande ausdauernden Coniferen-Arten und Formen mit allen Synonymen zusammengestellt von L. Beissner Herzogl. Garteninspector in Braunschweig ... Dresden (Druck von F.L. Winterlich, ...) [1887]. Oct. (*Syst. Einth. Conif.*).
Publ.: Apr 1887 (printed for the Conifer Conference at Dresden held on 12 Mai 1887. This publication was handed out at the conference (info. in litt. H. Welch to A. Farjon), cover-t.p., p. [i, cover], [3]-46. *Copies*: B, L.

20.800. *Conifères de Chine* ... [Estratto dal Nuovo Giornale Botanico Italiano ... 1897]. Oct.
Publ.: Apr 1897 (in journal), p. [i, identif.], [183]-187, *pl. 5* (uncol. lith. Faini). *Copies*: B, G. – Reprinted and to be cited from Nuovo Giorn. bot. ital. ser. 2. 4(2): 183-187, *pl. 5*. 1897.
Follow-up (*1*): Jul 1898 (read 12 Jun; journal issue Jul 1898), p. [166]-170. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. ital. 1898: 166-170.
Id. (*2*): Dec 1899-early 1900 (read 10 Dec 1899), p. [309]-311. *Copy*: G. – Id. 1899: 309-311.
Id. (*3*): Oct-Dec 1901 (read 13 Oct 1901), p. [1]-5. *Copy*: G. – Id. 1901: 357-361.
Id. (*4*): Jun-Dec 1902 (read 8 Jun 1902), p. [1]-2. *Copies*: G, HH. – Id. 1902: 90-91.

Bel, Jules (fl. 1880-1900), French botanist and highschool teacher at the Pensionat Stanislas Saint Sulpice, Tarn (S.W. France). (*Bel*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 156; BL 2: 109, 205, 206; BM 1: 127; CSP 13: 416; IH 2: 65; Kew 1: 205; LS 2217-2220; Tucker 1: 71.

BIOFILE: Garnier, G., Bull. Soc. mycol. France 100(2): cviii-cix. 1984 (list publ., "esprit curieux, bon mycologue et excellent botaniste").

20.801. *Les champignons supérieurs du Tarn* ... Paris (Librairie J.-B. Baillière et fils ...) 1889. Oct. (*Champ. sup. Tarn*).
Publ.: Jan-Mai 1889 (rev. Rev. mycol. 1 Jul 1889, J. Bot. Jun 1889, Bot. Centralbl. 14 Jun 1889), cover-t.p., p. [1]-198, [199], *pl. 1-32* (col.; in text). *Copy*: L. – Also published in Rev. Bot. 7: 227-322. 1888-1889.
Ref.: Anon., Rev. mycol. 11(43): 155-156. 1889 (rev.).
Patouillard, N., Bull. Soc. bot. France 37 (Rev. bibl.): 21. 1890 (rev.).

20.802. *La Rose* histoire et culture 500 variétés de Rosiers ... Paris (Librairie J.-B. Baillière et Fils ...) 1892. Oct.
Publ.: 1892 (preface signed 30 Aug 1891), p. [1]-160. *Copy*: BR.

***Bélanger, Charles Paulus** (1805-1881), French (born in Paris) botanical explorer, instructed to go by land to Pondichéry and to set up a botanical garden, moved to Pegu and

Java 1827, returned to France 1828 via Mauritius, Réunion, Cape of the Good Hope and St. Helena, arriving in Paris Jul 1829; director of the botanical garden at Saint Pierre on Martinique 1853-1881. (*Bél.*).

HERBARIUM and TYPES: Plants from the Asiatic journey to Pondichéry at G (Delessert), for further details of duplicates and of collection made on further journeys see IH 2: 65-66.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 179; Backer p. 60-61; Barnhart 1: 156 (b. 29 Mai 1805, Paris, d. 18 Nov 1881, St. Pierre); BM 1: 127, 2: 604, 6: 73; Bossert p. 32; DBF 5: 1302; GR p. 265; GR, cat. p. 60; IH 2: 65-66; Kew 1: 205; Lasègue p. 150-153, 562 (index); LS 2222; NI 126; PR 586, ed. 1: 669-670; SBC p. 115; SK 1: 48; TL-1: 25; TL-2/1: 168-169; TR 84; Tucker 1: 71.

BIOFILE: Boissier, E., Fl. Orient. 1: xxvi-xxvii. 1867 (coll.).
Candolle, Alph. de, Phytographie 395. 1880.
Gilliat-Smith, B. and W.B. Turrill, Kew Bull. 1930(7): 277-278 (coll. Near East).
Gunn, M. and L.E. Codd, Bot. expl. S. Africa 92. 1981.
Hooker, W.J., Comp. Bot. Mag. 1: 285-288. 1835 (on collections).
Jessen, K.F.W., Bot. Gegenw. Vorz. 469-470. 1864.
Laundon, J.R., Lichenologist 11: 6. 1979 (lich. in PC).
Nissen, C., Zool. Buchill. 37 (no. 288). 1966.
Ross, R., Taxon 13: 193-196. 1964.
Sayre, G., Bryologist 80(3): 504. 1977 (coll. musci G, PC, LE).
Sherborn, C.D. and R. Woodward, Ann. Mag nat. Hist. ser. 7. 7: 390. 1901, 8: 494. 1901.
Steenis-Krusemann, M.J. van, Fl. males. Bull. 15: 730. 1960, 19: 1141. 1964.
Urban, I., Symb. ant. 3(1): 20. 1902 (coll.).

Belèze, [Mlle Marie Louise] **Marguerite** (1851-1913), French botanist in Paris. (*Belèze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 156; BL 2: 202; CSP 13: 416; Kew 1: 205; LS 2223, 31.014; Tucker 1: 71.

BIOFILE: Anon., Hedwigia (Beibl.) 55(1): (71). 1914 (d.); Bot. Not. 1914: 31 (d.).

20.803. *Notes botaniques* ... Paris (Imprimerie nationale) 1904. Oct.
Publ.: 1904, p. [1]-19. *Copy*: G. – Reprinted and to be cited from C.R. Congr. Soc. Sav. 1903 (Sci.): 329-343. 1904.

20.804. *Catalogue des plantes* nouvelles rares ou interessantes phanérogames, cryptogames, vasculaires et cellulaires ainsi que de quelques hybrides remarquables des environs de *Montfort-l'Amaury* et de la forêt de Rambouillet (Seine-et-Oise) ... Le Mans (Imprimerie Veuve Edmond Monnoyer ...) 1905. Oct. (*Cat. pl. Montfort-l'Amaury*).
Publ.: Apr 1905 (printer's mark on p. [79]; ÖBZ Jul 1905), cover-t.p., p. [1]-77, 78 [characées, fold-out map, recto with colophon], [79]. *Copies*: G, MO.

20.805. *Liste des lichens* des environs de *Montfort-l'Amaury* et de la forêt de Rambouillet (Seine-et-Oise) 1905. Oct.
Publ.: 1905 (rd. at G 6 Feb 1906), cover-t.p., p. [1]-7. *Copy*: G. – Reprinted and to be cited from C.R. Congr. Soc. Sav. 1904 (Sci.): 75-79. 1905.
Ref.: Abbé Hue, Bot. Centralbl. 102(28): 40. 17 Jul 1906 (rev.).

20.806. *Le mimétisme chez quelques végétaux* de la forêt de Rambouillet et des environs de Montfort-l'Amaury (Seine-et-Oise) ... Paris (Imprimerie nationale) 1905. Oct.
Publ.: 1905, cover-t.p., p. [1]-16. *Copy*: G. – Reprinted and to be cited from C.R. Congr. Soc. Sav. 1905 (Sci.): 73-84. 1905.

Bell, Hugh Philip (1889-x), Canadian (Halifax N.S.-born) botanist. (*H.P. Bell*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 157 (b. 22 Feb 1889); LS 2289; NAF 7(15): 1051; Stevenson p. 1235.

20.807. *The marine algae of the maritime provinces of Canada* ... I, [II] ... Reprinted from the Canadian Journal of Research ... 1933. Oct.
Co-author: Constance MacFarlane.
Publ.: *1*: Sep 1933 (in journal), cover-t.p., p. 265-279. I. List of species with their distribution and prevalance. *Copy*: L. – Reprinted and to be cited from Can. J. Research 9: 265-279. 1933.
2: Sep 1933 (in journal), cover-t.p., p. 280-293. II. A study of their ecology. *Copy*: L. – Reprinted and to be cited from Can. J. Research 9: 280-293. 1933.

Bellairs, Nona Maria Stevenson (x-1897), British botanist at Bournemouth. (*Bellairs*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 158 (d. 14 Mai 1897); BB p. 28; BM 1: 129; Desmond p. 55; Jackson p. 250, 321, 409; Kew 1: 208; PR 588; Rehder 1: 427; Saccardo 1: 25, 2: 16.

BIOFILE: Allen, D.E., The Victorian fern craze 40, 53-54. 1969.

20.808. *Hardy ferns*: how I collected and cultivated them ... London (Smith, Elder and Co., ...) 1865. Oct. (*Hardy ferns*).
Publ.: 1865, p. [i]-xii, 1-128, [1-4, adv.]. *Copies*: NY; IDC 7160.
Ref.: Anon., J. Bot. 3: 294. Sep 1865 ("Charming style", brief rev.).

***Bellardi, Carlo Antonio Lodovico** (1741-1826), Italian physician and botanist at Torino, student and later assistant with Allioni at the Botanical Garden of Torino, subsequently practicing physician at Torino. (*Bellardi*).

HERBARIUM and TYPES: TO (orig. herb.), further material in B (e.g. herb. Willdenow), C, FI, KIEL, MANCH, MPU.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 610; Barnhart 1: 158 (b. 30 Jul 1741, Cigliano; d. 4 Mai 1826, Torino); BM 1: 130; CSP 1: 257; Dryander 3: 147; Frank 3(Anh.): 9: GR p. 513; GR, cat. p. 60; Hegi 4(2): 802, 5(2): 1385; Hortus 3: 1188; IF p. 681; IH 2: 66; Jackson p. 320; Kew 1: 208; Lasègue p. 344; LS 2238-2240; PR 591-593, ed. 1: 679-682; Rehder 1: 424, 2: 372; Saccardo 1: 25, 2: 16, cron p. xv; SBC p. 115; ST: 55-56; TL-1: 25-26; TL-2/1: 169-170 and see indexes; Urban-Berl. p. 328, 414; Zander ed. 10, p. 633, ed. 11, p. 720.

BIOFILE: Anon., Flora 3(1) Beil. 1: 5. 1820, 9(2): 432. 1826 (d. 4 Jul 1926, brief obit.).
Becherer, A., Candollea 14: 113-120. 1953 (*Fl. pedem.*).
Burnat, E., Bull. Soc. bot. France 30 (session extraord.): cxi-cxii. 1883.
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Cavillier, F., Boissiera 5: 17-18. 1941.
Dawson, W.R., The Smith papers 13. 1934 (13 letters etc. to J.E. Smith).
Forneris, G. et al., Allionia 29: 89-125. 1989 (on the collections in the B. herb.; detailed treatment).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 395-396. 1877.
Haller, A. von, Bibl. bot. 2: 549. 1772.
Mattirolo, O., Studi veg. Piemonte 2: xcv, xcvi, xcix, c. 1929 (coll. TO); Cronistoria Orto bot. Torino xlv-xlxviii. 1929.
Perry, G. and J. McNeill, Taxon 35: 696-701. 1986 (contr. to Allioni's *Fl. pedem.*).
Steinberg, C.H., Webbia 32(1): 19. 1977 (handwriting).

20.809. *Sur une nouvelle espèce d'Agaric* ... [Mem. Accad. Torino ... 1800] Qu.
Publ.: 1800, p. [1]-4, *1 pl.* (col.). *Copy*: G. – Reprinted and to be cited from Mem. Accad. Sci. Torino 6: 136-139. [1792]-1800.

20.810. *Stirpes novae*, vel minus notae Pedemontii descriptae, et iconibus illustratae ... [Mem. Accad. Sci. Torino ... 1808]. Qu.
Publ.: 1808 (in journal), p. [1]-8, *pl. 1-4* (uncol. copp. engr.). *Copies*: G, HH. – Reprinted (preprinted?) from Mem. Accad. Sci. Torino 7(1802-1803): 445-451. 1808.

Bellermann, Johan Bartholomaeus (1756-1833), German merchant and painter. (*Bellermann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 158; BM 1: 130; NI 129-130; PR 596; Tucker 1: 766.

20.811. *Abbildungen zum Cabinet der vorzüglichsten* in- und ausländischen *Holzarten* nebst deren Beschreibung ... Erfurt (Ferd. Bellermann) 1788. Fol. (*Abb. Cab. Holzarten*).
Publ.: 1788, p. [i-vi], [1]-4, folded colour plate, 72 coloured numbered plates each facing a numbered page of text numbered 1-72. *Copy*: NY. – Pritzel states: "Dazu gehören 2 Kästchen mit 60 [sic] Stück Holzarten" (n.v.).

Belli, Saverio Carlo (1852-1919), Italian botanist, born at Domodossola, habil. Univ. Torino 1894, director of the Botanical Garden, Torino University 1898-1900, extraordinary professor of botany and director of the botanical garden at Cagliari 1901- ca. 1908. (*Belli*).

HERBARIUM and TYPES: TO; further material in PAD.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 265; Barnhart 1: 159 (b. 25 Mai 1852 Domodossola; d. 7 Apr 1919, Torino); BM 6: 76; CSP 13: 425; DTS 1: 18, 6(4): 115; Hegi 6(1): 173; Kew 1: 208; LS 2242, 31.019-31.020; Rehder 2: 295; Saccardo 1: 25-26, 2: 16-17, cron. p. xv.

BIOFILE: Anon., ÖBZ 52: 171. 1902 (appt. Cagliari).
Cavillier, F., Boissiera 5: 18. 1941 (brief biogr. note, list publ.).
Gager, C.S., Brooklyn Bot. Gard. Record 27(3): 269, 290. 1938 (dates directorship bot. gard. Torino and Cagliari).
Mattirolo, O., Bull. Soc. bot. Ital. 1919: 21-22.
Miranda, M., Bull. Soc. Sci. Isère 42: 311-326. 1921.

20.812. *Rivista* critica e descrittiva delle specie di *Trifolium italiane* e affini compresa nella sez. Lagopus Koch. Saggio di una monografia dei Trifogli italiani ... Torino (Ermanno Loescher ...) 1888. Qu. (*Riv. Trifol. ital.*).
Co-author: Giuseppe Gibelli (1831-1898), see TL-2/1: 940.
Publ.: 1888, p. [1]-183, *pl. 1-9* (uncol. liths.). *Copy*: G. – Preprinted from Mem. reale Accad. Sci. Torino ser. 2. 39 (Cl. Sci. ...): 245-426, *pl. 1-9*. 1889.

20.813. *Rivista* critica delle specie di *Trifolium italiani* della *sezione Chronosemum* Ser. ... Malphigia ... [1889]. Oct.
Co-author: Giuseppe Gibelli (1831-1898), see TL-2/1: 940.
Publ.: Aug-Dec 1889 (p. 56: Jul 1889), p. [1]-56. *Copy*: G. – Reprinted and to be cited from Malpighia 3: 193-233, 305-319. 1889.

20.814. Che cosa siano *Hieracium sabaudum* Linné e Hieracium sabaudum Allioni studii critici ... Malpighia ... [1890]. Oct.

Publ.: Mar 1890 (Belli sent a copy of the reprint to Burnat in Mar 1890; "April" in journal p. 18), cover-t.p., p. [1]-18, *pl. 14-16* (uncol., G. Gibelli). *Copies*: B, G. – Reprinted and to be cited from Malpighia 3: 433-450, *pl. 14-16.* 1890.

20.815. *Rivista critica* delle di specie di *Trifolium italiane* comparate con quelle del resto d'Europa e delle regioni circummediterranee delle *sezioni Galearia* Presl - *Paramesus* Presl - *Micrantheum* Presl ... Torino (Carlo Clausen ...) 1890. Qu. (*Riv. crit. Trifolium, Galearia*).
Co-author: Giuseppe Gibelli (1831-1898), see TL-2/1: 940.
Publ.: 1890, p. [1]-78, *pl. 1-3* (uncol. liths.). *Copies*: G; IDC 422. – Preprinted from Mem. reale Accad. Sci. Torino ser. 2. 41(Cl. Sci. ...): 149-224, *pl. 1-3.* 1891.

20.816. Sui rapporti sistimatico-biologico del *Trifolium subterraneum* L. cogli affini del gruppo Calycomorphum Presl ... Genova (Tipografia di Angel Ciminago ...) 1892. Oct.
Publ.: Sep-Dec 1892 (mss. dated 20 Aug 1892), cover-t.p., p. [1]-41. *Copy*: B. – Reprinted and to be cited from Malpighia 6: 397-415, 433-453. 1892.

20.817. *Rivista critica* delle specie di "*Trifolium*" italiane comparate con quelle straniere della *sezione Lupinater* (Buxbaum) memoria ... Torino (Carlo Clausen ...) 1893. Qu. (*Riv. crit. Trifolium, Lupinaster*).
Publ.: 1893 (date on t.p. reprint, read 25 Jan 1893, Nat. Nov. Jan (2) 1894), cover-t.p., p. [i-iii], [1, err.], [3]-62, *pl. 1-2* (uncol.). *Copies*: G, L. – Preprinted from Mem. reale Accad. Sci Torino ser. 2. 44(Cl. Sci. ...): 233-293, [293, errata], *pl. 1-2.* 1894.

20.818. *Endoderma e periciclo* nel G. *Trifolium* in rapporta colla teoria delle stelia de V. Tieghem e Donliot. Osservazioni anatomico-critiche ... Torino (Carlo Clausen ...) 1896. Qu. (*Endoderma peric. Trifolium*).
Publ.: Jul-Dec 1896 (read 21 Jun 1896; Bot. Zeit. 1 Feb 1897), cover-t.p., p. [i-ii], [1]-91, *pl. 1-5* (uncol. liths. Ripamonti et Belli). *Copy*: B. – Preprinted or reprinted from Mem. reale Accad. Sci. Torino ser. 2. 46(Cl. Sci. ...): 353-443, *pl. 1-5.* 1896.

20.819. *Hieracium di Sardegna* rivista critica delle specie note dalla Flora Sardoa di Moris e dal Catalogo de W. Barbey. Specie nuove per la Sardegna e notizie sul H. Crinitum Sibth. Sm. ... Torino (Carlo Clausen ...) 1897. Qu. (*Hierac. Sardinia*).
Publ.: Jul 1897 (approved for printing 13 Jun 1897; Nat. Nov. Jun (1) 1898), cover-t.p., p. [i-ii], 1-79, *pl. 1-3* (p.p. G. Gibelli). *Copy*: B. – Preprinted or reprinted from Mem. reale Accad. Sci. Torino ser. 2. 47(Cl. Sci. ...): 421-499, *pl. 1-3.* 1897.

20.820. *Observations* critiques sur la *réalité des espèces* en nature au point de vue de la systématique des végétaux ... Turin (Charles Clausen ...) 1901. Oct. (*Obs. real. esp.*).
Publ.: Apr 1901 (Bot. Centralbl. 7 Aug 1901; Nat. Nov. Mai 1901; Bot. Jahrb. 19 Nov 1901; Bot. Zeit. 16 Aug 1901; Bull. Soc. bot. France 27 Dec 1901), cover-t.p., p. [1]-87, [89]. *Copy*: L.
Ref.: Malinvaud, E., Bull. Soc. bot. France 48: 457. 1901 (rev.).

20.821. Il genere *Hieracium* nelle opere e nell' erbario *di Allioni* ... Estratto dal Malpighia ... 1904. Oct.
Publ.: 1904, p. [1]-11, [12]. *Copy*: G. – Reprinted and to be cited from Malpighia 18: 344-354. 1904.

***Bellynck, Auguste Alexis Adolphe Alexandre** (1814-1877), Belgian (Wallonian) jesuit and cryptogamist, studied at the college of Bergues, the petit-séminaire de St.-Omer and the grand séminaire de Cambrai; ordained priest 1837, vicar at the parish of Quesnoy-sur-Deub near Lille, id. Duinkerken (Dunkerque) 1838, later chaplain at a convent at Gravelines; entered the Soc. Jésus 1840, stationed at Katwijk (Netherlands) 1841-1842, bursar at the Collège de Notre-Dame de la Paix, Namur 1842. (*Bellynck*).

HERBARIUM and TYPES: NAM. - Further material in LG, W. - *Exsiccatae*: *Cryptogames recueillies dans la Province de Namur*, cent. 1-2, Namur 1853, see also G. Sayre, Mem. New York bot. Gard. 19(1): 8. 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 158; BL 2: 33, 43; BM 1: 131; CSP 1: 264, 7: 132, 12: 66; GR p. 305; IH 2: 67; Jackson p. 48, 56, 271; Kew 1: 209; LS 2244-2245; Morren ed. 2, p. 16; PR 605; Stevenson p. 1235; TL-2/1: 170-171 and see indexes; Tucker 1: 72.

BIOFILE: Anon., Rev. hortic. belge franç. 3: 54-55. 1977; Bull. Soc. bot. France 24(C.R.): 32. 1877 (d. 14 Jan 1877); Bot. Not. 1878: 44 (d.).
Bellynck, A.A.A.A., Bull. Acad. Sci. Bruxelles 19: 45-81. 1852 (colls.).
Crépin, F., Manuel lxv, lxx. 1860; Bull. Soc. roy. Bot. Belg. 16: 48-53. 1877/78 (bibl.); Guide bot. belg. 252-253, 430-431. 1878; Annuaire Acad. roy. Belge 44. 1878 (repr. 12 p. bibl.).
Sayre, G., Mem. New York bot. Gard. 19(1): 8. 1969 (exsicc.).

20.822. *Note sur un Orchis ustulata* L. à fleurs doubles ... Gand [Gent] (Imprimerie C. Annoot-Braeckman) 1867. Oct.
Publ.: Jul-Dec 1867 (read 16 Jun 1867; Flora 11 Apr 1868), p. [1]-7. *Copies*: L, MO. - Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 6(2): 192-196. 1867. - Abstract Les Mondes 18: 332. 1868.
Ref.: Anon., Bull. Soc. bot. France 15(bibl.): 241. 1868 (rev.).

20.823. *Les anomalies dans le règne végétal*; ... Bruxelles (F. Hayez, ...) 1871. Oct.
Publ.: 16-31 Dec 1871 (read 16 Dec 1871, t.p. dated 1871, sic, journal issue for Dec 1871), p. [1]-22. *Copy*: L. - Reprinted and to be cited from Bull. Acad. roy. Belg. ser. 2. 32(12): 390-408. Dec 1871.

20.824. *Les plantes carnivores* ... Bruxelles (Alfred Vromant, ...) [1875). Oct.
Publ.: Feb 1875 (in journal), p. [1]-7. *Copy*: L. - Reprinted from Précis historiques 24 Feb 1875, not seen by us.
Ref.: Anon., Bull. Soc. bot. France 22(bibl.): 227-228. 1878 (rev.).

20.825. *Catalogue des plantes* soit spontanées, soit cultivées en grand observées en *Belgique* à l'usage des herbarisations ... Namur (Imprimerie de Veuve F.-J. Douxfils, ...), Bruxelles (G. Mayolez, ...) 1876. Oct. (*Cat. pl. Belg.*).
Publ.: 1876, cover-t.p., p. [1]-80. *Copies*: HH, L.

Bender, Christoph Bernhard (fl. 1787), German (Kochendorf-Ottenwald) physician, Dr. med. Erlangen 1787. (*C.B. Bender*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Dryander 3: 509; PR ed. 1: 701.

20.826. *Glecoma hederacea* Linn. egregium in atrophia medicamentum. Dissertatione inaugurali medica summi numinis auspiciis Academiae Frederico Alexandrinae rectore magnificentissimo ... ex decreto gratiosae facultatis medicae pro gradu doctoris summisque in medicina honoribus privilegiis ac immunitatibus legitime obtinendis publico eruditorum examini submittit Christophorus Bernhardus Bender Kochendorfio-Ottenwaldensis. D. i Decembr. mdcclxxxvii. Erlangen (Typis Ellrodtianis) 1787. Qu. (*Glecoma hed.*).
Publ.: 1 Dec 1787, p. [i*], [i]-xxxii, [xxxiii-xxxiv]. *Copy*: G.

Bendrat, Thomas Albert (1878-?), German (Danzig) botanist and geologist, at the Real Gymnasium, Danzig 1894, B.D. Theological Seminary at Kropp, Germany 1898, moved to the United States, M.S. New Mexico 1900, Chicago 1904-1906, at Hamburg 1916-1917, Dr. phil. Berlin 1930, instructor in geology and mining North Carolina 1912, head department

geology Phillips 1920-1921, at Stetson 1921-1924, consulting geologist 1924-1928, head Dept. Science, Potomac State Junior College W. Virginia 1927-1928, in Europe 1929-1930, Venezuela 1930-1931, at Armstrong College W. Virginia 1932-1934, ultimately at Beckley College from 1934. (*Bendrat*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Anon., Amer. men. sci. ed. 7. 127. 1944 (detailed info.).
Stieber, M.T. et al., Huntia 4(1): 48. 1981 (letter on his coll.).

20.827. The *flora of Mohawk Hill*, N.Y., North of the Watershed ... Reprinted from Torreya ... 1913. Oct.
Publ.: Mar 1913, cover-t.p., p. [45]-63. *Copy*: BKL. – Reprinted and to be cited from Torreya 13(3): 45-63, 1 map. 1913.

Benecke, Franz (1857-1903), German (Berlin) botanist, studied at the Agricultural University of Berlin, and at the universities of Halle and Heidelberg, Dr. phil. Heidelberg 1879-1880 with E.H.H. Pfitzer, assistant Heidelberg 1880-1882, at the University of Basel 1882-1883 with H. Vöchting, assistant with E. Schulze Zürich 1885-1886, habil. Zürich Polytechnic 1885, botanist at the Agricultural Experiment Station at Möckern nr. Leipzig 1888-1889, assistant scientist at the Central Java sugar-cane experiment station at Semarang 1890, director ib. succeeding F.W.O. Soltwedel 1890-1893, in charge of the phytopathological dept. of the Instituto agronomica, Campinas, São Paulo, Brazil 1893-1895, living in Berlin, Hamburg 1895-1899, Tennstedt, Thüringen 1899-1903. (*Benecke*).

HERBARIUM and TYPES: Some material at US from C. Java.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 160 (b. 1857, Berlin, d. 9 Jan 1903, Langensalza); BJI 1: 4, 2: 10; BM 1: 132; CSP 13: 436-437; Futak-Domin p. 100; IH 2: 67; Kew 1: 210; LS 2259-2260; Moebius p. 286; Morren ed. 10, p. 110; Rehder 1: 187, 2: 583; SK 1: 49; TL-2/12.414.

BIOFILE: Anon., Bot. Centralbl. 22: 64. 1885 (habil. Zürich), 28: 399. 1886 (lives in München), 34: 224. 1888 (appt. Möckern nr. Leipzig), 42: 352. 1890 (director Semarang), 50(28/29): 96. 1892 (6-months European leave from Klaten), 59: 256. 1894 (apptd. S. Paulo), 71: 287. 1897 (Hamburg "goldene Staats-Medaille"); Bot. Monatschr. 15(10): 276. 1897 (Hamburg medal); Bot. Not. 1904: 46. (d.).
Wieler, A., Ber. deut. bot. Ges. 21: (23)-(31). 1903 (main biogr., bibl.).

COMPOSITE WORKS: With F.W.O. Soltwedel, *Vormen en kleuren van Saccharum officinarum L.* Berlin 1892, see TL-2/12.414.

.20.828. *Zur Kenntnis des Diagramms der Papaveraceae* und Rhoeadinae ... Separat-Abdruck aus Engler's botanischen Jahrbüchern ... Leipzig (Wilhelm Engelmann) 1881. Oct.
Publ.: 28 Jan 1881 (in journal; Bot. Zeit. 28 Jan 1881), p. [373]-390, *pl. 3* (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 1(4): 373-390, *pl. 3*. 1881.
Preliminary publ. (*Zur Kenntniss des Diagramms der Papaveraceen*): Verh. nat.-med. Ver. Heidelberg ser. 2. 2: 329-340. 1880.
Ref.: N.L., Bot. Zeit. 39: 66-67. 28 Jan 1881.
P., Bot. Zeit. 40(12): 202. 1882 (rev.).

20.829. *Beitrag zur Kenntnis der Begoniaceen* ... Separat-Abdruck aus: Engler's Botanische Jahrbücher ... [1882]. Oct.
Publ.: 18 Aug 1882 (in journal; Bot. Zeit. 27 Oct 1882), p. [i], [1]-31, [32, impr.], *pl. 3*. *Copies*: B, G. – Reprinted and to be cited from Bot. Jahrb. 3(3): 288-318, *pl. 3*. 1882.
Ref.: Boehne, B.H.O., Bot. Centralbl. 15(38): 375-377. 17-21 Sep 1883 (detailed rev.).

20.830. *Over Suikerriet uit "zaad"* ... Semarang (G.C.T. van Dorp & Co.) 1889. Oct. (*Suikerriet uit zaad*).
Publ.: 1889, p. [i], [1]-74, figs. 1-23 on 8 p. *Copy*: WAG. – Issued in series Meded. Proefstation "Midden-Java" te Semarang.
Ref.: Niedenzu, F., Bot. Jahrb. 12(Lit.): 51. 1890 (rev.).

Benecke, [Friedrich] Wilhelm (1868-1946), German (Heidelberg-born) botanist, moved with his family to Strassburg 1872, studied at schools and universities at Strassburg, Berlin, Zürich and Jena, Dr. phil. Jena, with E. Stahl; scientific assistant with W. Pfeffer at Leipzig 1892-1893; assistant with Solms-Laubach in Strassburg 1894-1899, habil. ib. 1894, id. at Kiel 1899, assistant with Reinke 1899, professor title 1900, director of the Kiel botanical garden 1906; e.o. professor of botany at Bonn with Strasburger 1909-1911, id. with Haberlandt 1911-1914, ordinary professor at the Agricultural University of Berlin 1914, id. at the Westfälische Wilhelms-Universität as successor to Carl Correns 1915 (on active service in the German army 1915-1917) until 1935, as emeritus still active until 1939. (*W. Benecke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 160 (b. 23 Sep 1868, Heidelberg); BFM see 1753; BJI 2: 10; CSP 13: 437; Kew 1: 210; LS 2260a-2262, 31.023-31.024; LS suppl. 2304; Moebius p. 72; Nordstedt suppl. p. 4; Rehder 1: 131, 160.

BIOFILE: Anon., Nat. Nov. 18: 401. 1896 (habil. Strassburg), 21: 250. 1899 (to Kiel), 23: 202. 1901 (prof. at Kiel), 28: 303. 1906 ("Abteilungsvorsteher" Kiel), 29: 175. 1907 (prof. Kiel), 31: 401. 1909 (to Bonn), 33: 526. 1911 (succeeds Kny at Berlin), 36: 110. 1914 (dir. Agr. Univ. Berlin), 38: 64. 1916 (appt. Münster); Bot. Zeit. 54(16): 256. 1896 (habil. Strassburg), 57(10): 160. 1899 (to Kiel), 64(10): 160. 1906 (Abteilungsvorsteher Kiel), 65(4): 72. 1907 (e.o. prof. Kiel), 67(13-14): 200. 1909 (called to Bonn); Bot. Centralbl. 69(7): 224. 1897 (appt. Strassburg), 76(46): 256. 1898 (replaces Schimper a.i. Basel), 86(18): 192. 1901 (titular prof. Kiel), 101(19): 512. 1906 (appt. Kiel), 104(9): 240. 1907 (prof. bot. Kiel), 110: 368. 1909 (called to Bonn), 125(4): 96. 1914 (id. to Berlin), 131(14): 352. 1916 (appt. Münster); Hedwigia, Beibl. 36(1): (34). 1897 (habil. Strassburg), 46(3): (144). 1907 (appt. Kiel), 49(1): (50)-(51). 1909 (e.o. prof. bot. Bonn), 52(1): (83). 1912 (e.o. prof. bot. Berlin, succeeding Kny), 55(1): (72). 1914 (dir. Agr. Univ. Berlin), 57(2): (151). 1916 (on active service, appt. dir. bot. gard. Münster), 59(1): (63). 1917 (succeeded in Berlin by H. Miehe), 75(2): (167). 1936 (retired); Allg. bot. Z. 7: 112. 1901 (prof. at Kiel), 17: 169. 1911 (to Berlin), 21: 139. 1916 (to Münster); ÖBZ 57: 135. 1907 (e.o. prof. Kiel), 61: 495. 1911 (to Berlin), 64: 72. 1914 (dir. Agr. Univ. Berlin), 65: 240. 1915 (called to Münster), 84: 320. 1935 (retirement); Jahrb. wiss. Bot. 56: 806. 1915 (asst. with Pfeffer 1892-1893).
Bergdolt, E., Karl von Goebel ed. 2. 133, 150, 151, 156, 157. 1941.
Christiansen, W. and W., Bot Schrifttum Schlesw.-Holst. Kiel 163, 182. 1936.
Mevius, W., Ber. deut. bot. Ges. 68a (Nachrufe (2)): 97-129. 19 Mar 1956 (obit., portr., bibl.; main biogr. treatment).

COMPOSITE WORKS: With E. Strasburger, *Zellen- und Gewebelehre* ... 1. Bot. Teil. Leipzig 1913.

20.831. *Ueber farblose Diatomeen der Kieler Föhrde* ... Leipzig (Gebrüder Borntraeger) 1900. Oct.
Publ.: 1900 (Nat. Nov. Nov (2) 1900), cover-t.p., p. [535]-572, *pl. 13* (uncol. lith.). *Copy*: B. – Reprinted and to be cited from Jahrb. wiss. Bot. 35(3): 535-572, *pl. 13*. 1900.
Ref.: Kuckuck, E.H.P., Bot. Zeit. 59(2): 38-39. 1 Feb 1902 (rev.).

20.832. *Ueber die Keimung der Brutknospen von Lunularia cruciata.* Mit vergleichenden Ausblicken auf andere Pflanzen ... Leipzig (Druck von Breitkopf & Härtel) 1903. Qu.
Publ.: 16 Feb 1903 (in journal), cover-t.p., p. [19]-46. *Copy*: B. – Reprinted and to be cited from Bot. Zeit. 61 (Abt. 1) (2): 19-46. 1903.

Benedict, Ralph Curtis (1883-1965), American botanist (pteridologist), studied at Syracuse University, Ph. D. ib. 1906, id. Colombia University 1911, student and aid at the New York Botanical Garden 1906-1908, assistant curator 1909, research scholar 1910-1911, lecturer in botany Fordham University Medical School 1910, instructor in botany at N.Y. University School of Applied Science 1911, taught in New York City High Schools 1912-1931, chairman Biology Department Stuyvesant High School 1919-1928, id. Haarem High 1928-1931, instructor in botany 1931-1938, one of the organizers of the American fern Society. (*Benedict*).

HERBARIUM and TYPES: NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 161 (b. 14 Jun 1883, Syracuse, N.Y.); BJI 2: 10; Hortus 3: 1188; IF suppl. 1: 75, 2: 34; IH 2: 67; Kew 1: 210; LS suppl. 2313; NW p. 40.

BIOFILE: Allison, B.R., Amer. Fern J. 56: 1-2. 1966 (obit., b. 14 Jun 1883, Syracuse, N.Y., d. 5 Aug 1965, Brooklyn, N.Y.).
Barnhart, J.H., J. New York bot. Gard. 12: 119-120. 1911 (curr. vitae up to 1911).
Cheney, R.H., Bull. Torrey bot. Club 94: 107-108. 1967 (obit., portr.).
Ewan, J. et al., Short hist. bot. U.S. 160. 1969.
Gagnepain, F., *in* P.H. Lecomte, Fl. Indo-Chine, Prélim. Vol. 35. 1944.
Rickett, H.W., Index Bull. Torrey bot. Club 1870-1948. 9. 1955.

COMPOSITE works: (1) *Ophioglossaceae* (with L.M. Underwood), N. Amer. Fl. 16(1): 3-13. 6 Nov 1909.
(2) *Osmundaceae*, N. Amer. Fl. 16(1): 27-28. 6 Nov 1909.
(3) *Ceratopteridaceae*, N. Amer. Fl. 16(1): 29-30. 6 Nov 1909.

20.833. *The genus Antrophyum* – I. Synopsis of subgenera, and the American species ... New York (from the Bulletin of the Torrey Botanical Club) 1907. Oct.
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Publ.: 15 Dec 1915, cover-t.p., p. 2131-2135. *Copy*: L. – Reprinted and to be cited from Standard Cyclopedia of Horticulture 4: 2131-2135. 1915.

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Benner, Ernst (1883-?), German (Schlesien) botanist, educated at the Gymnasium of Wohlau (Schlesien), id. Rawitsch 1896-1891; studied at the University of Breslau 1901-1905 mainly with Pax, Dr. phil. Breslau 1905. (*E. Benner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 162 (b. 11 Apr 1883); Futak-Domin p. 100.

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Publ.: 6 Jul 1905 (date of defense thesis), p. [1]-80, [81-82, vita, theses], *1 pl. Copies*: GOET, MO, WU.

***Bennett, Alfred William** (1833-1902), British bookseller, publisher 1858-1866, M.A. London University ca. 1856; turned to botany 1868, from then on longtime lecturer in botany at St. Thomas' Hospital and Bedford College. (*A.W. Benn.*).

HERBARIUM and TYPES: BM, BIRM (400, attrib. to him), K, LIV, MANCH, MICH, NMW, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 162; BB p. 28; BL 2: 233, 557, 566; BM 1: 135; Clokie p. 130; CSP 7: 137, 9: 189, 13: 444; Desmond p. 56; De Toni 1: xi, 2: xii, lxxxiv, 4: v-vi; DNB suppl. 2(1): 143; DTS 1: 18; GR p. 389; Hortus 3: 1188; IH 2: 67; Jackson see index; Kew 1: 212; LS 2255-2270, 31.027; Morren ed. 2, p. 24, ed. 10, p. 71; NI 133, Nordstedt p. 8; Rehder 5(index): 68; Stevenson p. 1235; TL-2/1: 171 and see indexes; Tucker 1: 73; Urban-Berl. p. 328; Zander ed. 10, p. 633, ed. 11, p. 720.

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(4) J. Sachs, *Textbook of botany* ... translated and annotated by A.W. Bennett, assisted by W.T. Thiselton-Dyer, Oxford 1875, see TL-2/9954.
(5) Editor of English version of J. Seboth, *Die Alpenpflanzen* (the *Alpine plants*), 1879-1884, see TL-2/5: 470 (no. 11.586). "*Alpine plants painted from nature*".
(6) Warming, E., *Symbolae* 28: 280-283. 10 Mar 1883 (Hydroleaceae, Polygalaceae).
(7) Translated and edited The *Tourist's Guide to the flora of the Alps* (1886) by K.W. v. Dalla Torre.

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Publ.: 10 Mai 1870 (in journal), title-page reprint (recto of 266), [266]-279, *pl. 1* (uncol. lith. auct. and Fitch). *Copy*: G. – Reprinted and to be cited from J. Linn. Soc., Bot. 11(53): 266-279. 1870.

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Publ.: 1890 (read 11 Dec 1889; Bot. Zeit. 31 Oct 1890), cover (identif.), p. [1]-10, *pl. 1*. *Copies*: L, U. – Reprinted and to be cited from J. Roy. Microscop. Soc. London ser. 2. 10: 1-10, *pl. 1*. 1890.

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Publ.: *1*: early Mai 1896 (p. xix: Apr 1896; Nat. Nov. Mai (2) 1896, Bot. Zeit. 16 Jun 1896), p. [i]-xii, [1]-165, *pl. 1-58* (col. liths. in text, no. 15 as frontisp.).
2: early Mai 1896 (Nat. Nov. Mai (2) 1896, Bot. Zeit. 16 Jun 1896), p. [i]-vi, [1]-223, *pl. 59-120* (id., no. 79 as frontisp.).
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New York issue: 1898. *Copy*: BR.
1: [i]-xxii, [1]-165, [166, printer's mark], pl. 1-58 (id.).
2: [i]-vi, [1]-223, pl. 59-120 (id.).
Ref.: Anon., J. Bot. 34: 325-237. Jul 1896 (rev.).

Bennett, Arthur (1843-1929), British builder, house decorator and amateur botanist at Croydon, educated at Mr. Twentyman's Academy, at Fairfield House, afterwards in his father's business until 1929, specialist on *Potamogeton*, active in the British Exchange Club. (*A. Benn.*).

HERBARIUM and TYPES: K (3700; via C..B. Clarke, purch. 1906), British Potamogetons at BM; further material at AK, C, CGE, DBN, E, LE, M, MANCH, MICH, NMW, OXF, P, PH (see Kent and Allen p. 92).

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Publ.: Jun 1887 (in journal), p. [1]-3. *Copy*: U. – Reprinted and to be cited from J. Bot. 25: 177-179. 1887.

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Publ.: Oct 1890-Oct 1891 (in journal), cover-t.p., p. [1]-10. *Copy*: B. – Reprinted and to be cited from J. Bot. 28: 297-302. Oct 1890, 29: 150-152. Mai, 307. Oct 1891.
Notes on Potamogetons: J. Bot. 30: 227-230. Aug 1892, 31: 132-134. Mai, 294-297. Oct 1893 [also reprinted p. [1]-4, *Copies*: B, G], 32: 203-205. Jul 1894, 33: 371-374. Dec 1895.

20.852. *Bemerkungen über* die Arten der Gattung *Potamogeton* im Herbarium des k.k. naturhistorischen Hofmuseums ... Wien (Alfred Hölder ...) 1892. Qu.
Publ.: 1892 (Nat. Nov. Jan (2) 1893), cover-t.p., p. [285]-294. *Copies*: G, U. – Reprinted and to be cited from Ann. nat.-hist. Hofmus. Wien 7(4): 285-294. 1892.

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Publ.: Aug 1914 (in journal), cover-t.p., p. 339-344. *Copy*: B. – Reprinted and to be cited from Philipp. J. Sci. C, Bot. 9(4): 339-344. 1914.

Bennett, George (1804-1893), British physician and naturalist, born at Plymouth, went to Ceylon 1819 (sic), studied in England (M.R.C.S. 1828), surgeon to a merchant vessel, 1828 visited Australia, revisited Australia 1832, settled as practicing physician in Sydney 1836, a founder of the Australian Museum, M.D. Glasgow 1859. (*G. Benn.*).

HERBARIUM and TYPES: BM, K, LINN. – Letters at Kew; journal and letters at Mitchell Library, Sydney.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 162; BB p. 29; BM 1: 135; CSP 1: 273-274, 7: 138, 9: 190, 12: 69, 13: 447; Desmond p. 57; IH 2: 68; Jackson p. 199, 398, 400; Kew 1: 214; LS 2272a; Morren ed. 10, p. 149; PR ed. 1: 712; Quenstedt p. 32; Rehder 1: 302, 499; SK 1: 50; Tucker 1: 73.

BIOFILE: Anon., Leopoldina 29: 212. 1893 (obit. not.); J. Bot. 32: 31. Jan 1894 (d.), 32: 191. Jun 1894 (obit., b. Plymouth 31 Jan 1804, d. Sydney 29 Sep 1893); Manuscr. Pap. Brit. Sci. 1600-1940 (Guides to sources for British history no. 2). 8-9. 1982.
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Publ.: 1860, frontisp. [*pl. 1*], p. [i]-xii, [1]-456, *pl. 2-8* (col. liths. in text). *Copy*: L.

***Bennett, John Joseph** (1801-1876), British botanist, studied medicine at the Middlesex Hospital, Member of the College of Surgeons 1825, assistant-keeper to Robert Brown at the British Museum 1827, keeper to the Botanical Dept. 1857-1870, secretary of the Linnean Society 1840-1860, retired 1870 to Maresfield, Sussex. (*Benn.*).

HERBARIUM and TYPES: see TL-2/1: 172.

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BIOFILE: Anon., Proc. Linn. Soc. 1888-1889: 32. 1891 (portr.).
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COMPOSITE works: Editor of *The miscellaneous botanical works of Robert Brown*, London 1866-1868, see TL-2/838.

Benoist, Raymond (1881-1970), French botanist, studied botany at the University of Paris with Ph. van Tieghem and H. Lecomte, Dr. phil. Paris 1912, préparateur (assistant) at the École pratique des Hautes Études, collected in French Guyana 1913-1914, on active service 1915-1918, collected in Morocco 1918 and 1928, scientist at the Muséum d'Histoire naturelle Paris 1919, collected in Ecuador 1919, sous-directeur at the Muséum 1933-1942, maître de recherches Centre national de la Recherche scientifique 1945-1948, idem with the Institut de Recherche scientifique et Technique Outre-Mer (ORSTOM) 1949-1952, setting up a herbarium at Madagascar, from 1952 active again at the Muséum d'Histoire naturelle, Paris, working at the flora of Madagascar. (*Benoist*).

HERBARIUM and TYPES: P, PC. – Further material at K, M (lich.), RAB, TAN, U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 164; GR p. 305; IH 2: 68; Kew 1: 214-215; LS 2275; Zander ed. 10, p. 634, ed. 11, p. 720.

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Co-author: M. Bettenfeld.
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Publ.: Sep (sero) 1933 (fide Leussink in mss. in library FAS), p. [i], [367]-371. *Copy*: U. – Reprinted and to be cited from Bull. Soc. bot. France 80(5-6): 367-371. 1933.
Continuation: Jan (prim.) 1934 (fide Leussink in mss. in library FAS), p. [i], [563]-565. *Copy*: U. – Id. 80(7-8): 563-565. 1933.

20.866. *Les espèces malgaches du genre Barleria* (Acanthacées) ... Extrait du Bulletin du Muséum [d'Histoire naturelle, Paris] ... 1934. Oct.
Publ.: 1934, cover-t.p., p. 78-89. *Copy*: U. – Reprinted and to be cited from Bull. Mus. Hist. nat. ser. 2. 6(1): 78-89. 1934.

20.867. *Nouvelles Acanthacées d'Indo-Chine* ... Paris (Au siège de la Société [Botanique de France]) 1934. Oct.
Publ.: Jun (prim.) 1935 (fide Leussink in mss. in library FAS), p. [600]-605. *Copy*: U. – Reprinted and to be cited from Bull. Soc. bot. France 81(7-8): 600-605. 1934.

***Bensemann, Hermann** (1858-?), German teacher and botanist born at Köslin (Pommern), active at the Herzogliches Ludwigs-Gymnasium in Cöthen (Pommern) around 1896-1908. (*Bensemann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 164 (b. 25 Aug 1858, Köslin); TL-2/1: 172-173.

20.868. Herzogliches Ludwigs-Gymnasium in Cöthen. Programm Ostern 1896 ... Die *Vegetation des Gebietes zwischen Cöthen und der Elbe* ... Progr. Nr. 696. Cöthen (Druck von Paul Schettlers Erben) 1896. Qu. (*Veg. Cöthen und Elbe*).
Publ.: Apr-Mai 1896, p. [1]-32, [33-58 Schulnachrichten]. *Copy*: BKL.
Ref.: Roth, E., Bot. Centralbl. 67(35/36): 294-295. 3 Sep 1896 (rev.).

Benson, Gilbert Thereon (1896-1928), American botanist and librarian at the Dudley Herbarium, Stanford University. (*G.T. Benson*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 164 (d. 16 Apr 1928); BL 1: 209; Hortus 3: 1188; Kew 1: 215.

20.869. *The trees and shrubs of Western Oregon* ... Stanford University, Calif. (Stanford University Press) 1930. Oct. (*Trees shrubs W. Oregon*).
Publ.: 20 Nov 1930 (date on p. [2]), cover-t.p., frontisp. (map), p. [1]-170. *Copies*: MO, U. – Issued as Contr. Dudley Herb. Stanford Univ. vol. 2.

***Bentham, George** (1800-1884), English botanist, in France with his family 1816-1826, studied at Montauban, returned to London 1826, studied law, divided his time between law and botany 1829-1832, active in the Linnean Society from 1828, fully dedicating himself to botany after 1832, moved to Pontrilas House in Herefordshire 1842, returned to London 1854, presented his herbarium and library to the Royal Botanical Gardens at Kew continuing his basic taxonomic work, president of the Linnean Society 1863-1874. (*Benth.*).

HERBARIUM and TYPES: K, see TL-2/1: 173. – Further material in CGE, DBN, FI, G, GL, GOET, L, M, NY, OXF, P, PH, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 828; Backer p. 62; Barnhart 1: 165 (b. 22 Sep 1800, d. 10 Sep 1884); BB p. 30; BFM 2263; BL 1: 49, 63, 244, 2: 214; BM 1: 136-137, 6: 79; Bossert p. 34; Bret. p. 401; Clokie p. 130; CSP 1: 280-282, 6: 583, 7: 140, 9: 192, 12: 70, 13: 451; Desmond p. 58-59 (many refs.); DNB 4: 263-267. 1885; DSB 1: 614-615 (by George Taylor); DTS 6(4): 24; Hegi 5(2): 1329; Hortus 3: 1188; IF p. 681; IH 2: 68; Jackson see index; Kew 1: 216-218; Langman p. 128-129; Lasègue p. 562 (index); Lenley p. 447; Morren ed. 2, p. 24, ed. 10, p. 72; MW p. 41; MW suppl. p. 23; NAF 28 B(2): 319. 1945, ser. 2. 2: 151. 1955, ser. 2. 4: 41. 1965, ser. 2. 5: 233. 1965, ser. 2. 7: 37. 1972; NI 134-136; Plesch p. 138; PR 614-627, 2693; Rehder 5(index): 69-70; Stevenson p. 1235; TL-1: 26-28; TL-2/1: 173-181 and see indexes; Zander, ed. 10, p. 634, ed. 11, p. 720.

BIOFILE: Allan, M, The Hookers of Kew 254 (index, numerous entries). 1967.
Allen, D.E., Naturalist in Britain 95, 109, 139, 250. 1976; The botanists 34, 77, 88, 109, 125. 1986.
Anon., Bot. Zeit. 4: 520. 1846 (visits e.g. Hamburg, Copenhagen, Stockholm, St. Petersburg); Rev. hortic. Belge étrang. 10: 237. 1884 (obit. not.); The manuscript papers of British scientists 1600-1940, London 1982, p. 9 (for contents see our prargraph "Manuscripts").
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Wunschmann, E., Bentham und Boissier, Berlin 1887, p. 3-19. 1887 (impt. comtemp. analysis of B's work).

MANUSCRIPTS: Correspondence and papers at K; diary 1853, 200 letters to family 1804-1853, misc. papers 1820-1883 at LINN; 250 letters to Asa Gray at HH; letters to F.J.H. v. Mueller 1858-1877 at R. Bot. Gard. and Natl. Herb. Victoria; 9 letters to Torrey at NY; see also G.D.R. Bridson et al. 1980.

COMPOSITE WORKS: see TL-2/indexes.

20.870. *Review of the* order of *Hydrophylleae* ... [Transactions of the Linnean Society ... 1835]. Qu.
Publ.: 25 Mai 1835 (fide S. Raphael in Biol. J. Linn. Soc. 2: 75. 1970), p. [267]-282. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 17(2): 267-282. 1835.

20.871. *On* the structure and affinities of *Arachis and Voandzeia* ... [Transactions Linnean Society]. Qu.
Publ.: 7-30 Mai 1839 (fide S. Raphael in Biol. J. Linn. Soc. 2: 75. 1970; read 29 Jun 1838), p. [155]-162. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 18(2): 155-162. 1839.

20.872. *Observations on some genera* of plants connected with the flora *of Guiana* ... [Trans. Linn. Soc., London 1839]. Qu.
Publ.: 7-30 Mai 1839 (fide S. Raphael in Biol. J. Linn. Soc. 2: 75. 1970; read 29 Jun 1838), p. 225-238, *pl. 18-20* (uncol. liths. by Miss Drake). *Copy*: U. – Reprinted and to be cited from Trans. Linn. Soc. 18(2): 225-238, *pl. 18-20*. 1839.

20.873. *Account of two new genera allied to Olacineae* ... [Transactions Linnean Society ... 1841]. Qu.
Publ.: 29 Jul-11 Aug 1841 (fide S. Raphael in Biol. J. Linn. Soc. 2: 75. 1970; read 15 Dec 1840), p. 671-685, *pl. 41-42* (uncol. liths. Miss Drake). *Copy*: B. – Reprinted and to be cited from Trans. Linn. Soc. 18(4): 671-685, *pl. 41-42*. 1841.

20.874. *On the genus Henriquezia* of Spruce ... [Trans. Linn. Soc. ... 1859]. Qu.
Publ.: 12 Nov 1859 (fide S. Raphael in Biol. J. Linn. Soc. 2: 75; read 3 Feb 1859), p. 295-298, *pl. 52-54*. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 22(4): 295-298, *pl. 52-54*. 1859.

20.875. *Synopsis of Dalbergieae*, a tribe of Leguminosae ... Supplement to the Journal of the Proceedings of the Linnean Society of London [London 1859] 1860. (*Syn. Dalbergieae*).
Publ.: 7 Mar 1860 (read 2 Jun 1859), p. [1]-134. *Copy*: U. – Issued as J. Proc. Linn. Soc. London vol. 4, supplement.

20.876. *On Fissicalyx and Prioria*, two recently published genera of Leguminosae ... [Trans. Linn. Soc. ... 1861]. Qu.
Publ.: 14 Dec 1861 (fide S. Raphael in Biol. J. Linn. Soc. 2: 76; read 26 Jun 1861), p. 389-391, *pl. 39* (uncol. W.H. Fitch). *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 23(2): 389-391, *pl. 39*. 1861.

20.877. *Outlines of elementary botany* as introductory to local floras ... London (Lovell Reeve ...) 1861. Oct. (*Outlines elem. bot.*).
Publ.: 1861, p. [1]-45. *Copy*: NY.

20.878. *On African Anonaceae* ... [Trans. Linn. Soc. ... 1862]. Qu.
Publ.: 13 Nov 1862 (fide S. Raphael in Biol. J. Linn. Soc. 2: 76; read 17 Apr 1862), p. 463-480, *pl. 49-53* (uncol. W.H. Fitch). *Copies*: G, MO. – Reprinted and to be cited from Trans. Linn. Soc. 23(3): 463-480, *pl. 49-53*. 1862.

20.879. *Descriptions of some new genera and species of tropical Leguminosae* ... From the Transactions of the Linnean Society ... [1865]. Qu.
Publ.: 30 Nov 1865 (fide S. Raphael in Biol. J. Linn. Soc. 2: 76; read 4 Mai 1865), p. [297]-320, *pl. 33-43* (uncol., W.H. Fitch). *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 25(2): 297-320, *pl. 33-43*. 1865.

20.880. *Revision of the genus Cassia* ... Extracted from the Transactions of the Linnean Society of London ... [1871]. Qu.
Publ.: 11 Nov 1871 (fide S. Raphael in Biol. J. Linn. Soc. 2: 76; read 4 Mar 1869, note on p. 503 dated Apr 1871), p. [503]-591, *pl. 60-63* (uncol., W.H. Fitch). *Copies*: G, U. – Reprinted and to be cited from Trans. Linn. Soc. 27(4): 503-591. 1871.

20.881. *Revision of the suborder Mimoseae* ... Extracted from the 'Transactions of the Linnean Society of London" ... [1874]. Qu.
Publ.: 10 Apr 1875 (fide S. Raphael in Biol. J. Linn. Soc. 2: 76; read 18 Jun 1874), p. [335]-664, *pl. 66-70* (uncol.). *Copy*: L. – Reprinted and to be cited from Trans. Linn. Soc. 30(3): 335-664. 1875.

20.882. *Notes on* the gamopetalous orders belonging to the *Campanulaceous and Oleaceous groups* ... Extract from the Linnean Society's Journal - Botany ... [1875]. Oct.
Publ.: 11 Oct 1875 (in journal), p. [1]-16. *Copies*: B, G. – Reprinted and to be cited from J. Linn. Soc., Bot. 15(81): 1-16. 1875.

20.883. The distribution of the *monocotyledonous orders* into primary groups, more especially in reference to the Australian flora, with notes on some points of terminology ... Extracted from the Linnean's Society's Journal - Botany. ... [1877]. Qu.
Publ.: 28 Feb 1877 (in journal), p. [i, t.p., recto of [490]], [490]-520, *pl. 7-9* (uncol. W.H. Fitch). *Copies*: B, G. – Reprinted and to be cited from J. Linn. Soc., Bot. 15(88): 490-520. 1877.

20.884. *Notes on Euphorbiaceae* ... Extracted from the Linnean Society's Journal - Botany, ... [1878]. Oct.
Publ.: 31 Dec 1878 (in journal, read 7 Nov 1878, issue 100, publ. 31 Dec 1878), p. [185]-267. *Copy*: G. – Reprinted and to be cited from J. Linn. Soc., Bot. 17(100): 185-267. 1878.

20.885. *Notes on Gramineae* ... Extracted from the Linnean Society's Journal - Botany, ... [1881]. Oct.
Publ.: 24 Dec 1881 (in journal), p. [13]-134. *Copy*: L. – Reprinted and to be cited from J. Linn. Soc., Bot. 19(114): 13-134. 1881.

Bentley, Henry Lewis (fl. 1898), American special agent of the United States Department of Agriculture in charge of grass experiments at Abilene, Texas ca. 1898-1901. (*H.L. Bentley*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 165; Tucker 1: 75.

20.886. A report upon the *grasses and forage plants of Central Texas* ... Washington (Government Printing Office 1898. Oct. (*Grass. forage pl. C. Texas*).
Publ.: 1898, p. [1]-38. *Copies*: MO, NY. – Issued as Bull. U.S.D.A. Div. Agrostology no. 10, 1898.

***Bentley, Robert** (1821-1893), British physician and botanist, studied medicine at Kings College, London, M.R.C.S. 1847, F.L.S. 1849, lecturer in botany at the London Hospital, from 1860 professor of botany at London Institution and King's College and of botany and materia medica to the Pharmaceutical Society. (*Bentley*).

HERBARIUM and TYPES: Some material at PSGB (see Kent and Allen, 240 nos., 1837-1855), further material at NOT.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 165; BB p. 30-31; BL 1: 6; BM 1: 137; CSP 1: 282, 9: 192; Desmond p. 59 (b. 25 Mar 1821, d. 24 Dec 1893); DNB suppl. 1. 1: 181; GF p. 49; GR p. 389; Jackson p. 51, 131, 205, 208, 521; Kew 1: 218-219; Langman p. 129; Morren ed. 10, p. 71, 72; MW p. 41-42; NI 137; Plesch 138; PR 628-629; Sotheby p. 38-39; TL-1: 29-30; TL-2/1: 181-182 and see indexes; Tucker 1: 75.

BIOFILE: Anon., Bonplandia 1(10): 93. 1853 (president of the new "Phytological Club"); ÖBZ 10: 164. 1860; Bot. Gaz 19(2): 82. 1894 (d. 24 Dec 1893, London).
Bennett, G., Proc. Linn. Soc. 1893-1894: 27-28. 1895.
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Kent, D.H., Brit. herb. 43. 1957.
Kent, D.H. and D.E. Allen, Brit. Irish herb. 93. 1984.

20.887. A *manual of botany* including the structure, classification, properties, uses, and functions of plants ... London (J. & A. Churchill ...) 1861. Oct. (*Man. bot.*).
Publ.: *Ed. 1*: 1861 (preface 1 Mai 1861), p. [i]-xxxii, [1]-811. *Copy*: NY.
Ed. 2: 1870 (Flora 2 Mai 1871), p. [i]-xxxii, [1]-811. *Copy*: PH.
Ed. 3: 1873 (J. Bot. Dec 1873), p. [i]-xxxi, [1]-815. *Copy*: BM.
Ed. 4: 1882 (Bot. Zeit. 26 Mai 1882), p. [i]-xxxii, [1]-870. *Copy*: B.
Ed. 5: 1887 (Nat. Nov. Feb (2) 1887, Bot. Zeit. 25 Mar 1887, Bot. Centralbl. 14-18 Mar 1887), 910 p. (n.v.).
Ref.: Fournier, E., Bull. Soc. bot. France 8: 388-391. Nov 1861 (review of ed. 1).
Thiselton-Dyer, W.T., J. Bot. 9: 88-91. Mar 1871 (review of ed. 2).
Trimen, H., J. Bot. 42: 61. Feb 1874 (review of ed. 3).
Anon., J. Bot. 20: 156. 1882 (review of ed. 4).
N.L., Bot. Zeit. 40: 347. 26 Mai 1882 (review of ed. 4).

20.888. *On* the characters, properties, and uses of *Eucalyptus globulus* and other species of Eucalyptus. A lecture delivered to the fellows of the Royal Botanic Society of London, by desire of the Council on March 14th, 1874 ... London (printed by Taylor and Francis, ...) 1874. Oct. (*Eucalyptus globulus*).
Publ.: 1874, p. [1]-14. *Copy*: MO.

Bentzel-Sternau, Albert Graf (1806-1878), Austrian Rittmeister in Dürnkrut, from 1863 retired in Innsbruck. (*Bentzel-Sternau*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 165 (b. 25 Mai 1806, d. 6 Mai 1878); BM 1: 137; DTS 6(4): 82; GR, cat. p. 60; Kanitz p. 176; LS 2283; PR 630.

BIOFILE: Anon., ÖBW 2: 2. 1852 ("k.k. Rittmeister in Dürnkrut"), 12: 396. 1863 (retired Rittmeister, in Innsbruck), 28: 210. 1878 (d. 6 Mai 1878, Innsbruck).
Lack, H.W. and O. v. Sydow, Willdenowia 13: 413. 1983 (letters in Dörfler coll. at UPS-UB).

20.889. Über die neueren *Fortschritte der Lichenologie* ... Presburg (In Commission und Druck von Carl Friedrich Wigand) 1859. Oct. (*Fortschr. Lichenol.*).

Publ.: 1859, p. [1]-25. *Copies*: NY, WU. – "Herausgegeben auf Kosten des Vereins für Naturkunde [Presburg]".

Benz von Albkron, Robert [Freiherr] (1863-1921), Austrian administrator and botanist, Bezirkshauptmann in Welsberg in Kärnten, ultimately living in Innsbruck. (*Benz*).

HERBARIUM and TYPES: KL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 165 (b. 25 Feb 1863, Wien; d. 1921); BFM 866, 867, 1177; DTS 1: 354, 6(4): 60, 77, 115, 116; Hegi 6(2): 1296.

BIOFILE: Anon., ÖBZ 56: 167. 1906 (appt. Welsberg, Kärnten), 71: 70. 1922 (d.).
Janchen, E., Cat. fl. austr. 1: 32, 889. 1956 (list of publ.).

20.890. Vorarbeiten zu einer pflanzengeographischen Karte Österreichs. XI. Die *Vegetationsverhältnisse der Lavanttaler Alpen* ... Wien (Verlag der Zoologisch-botanischen Gesellschaft) 1922. Oct. (*Veg.-Verh. Lavanttaler Alp.*).
Publ.: 1922, cover-t.p., p. [i]-viii, [1]-210, [211], *pl. 1-2* (photogr.), fold. col. map. *Copies*: B, G. – Issued as Abh. zool.-bot. Ges. Wien 13(2). 1921. Published posthumously by H. Neumayer.

20.891. *Verzeichnis der* wissenschaftlichen *Pflanzennamen* zu Robert Benz: die Vegetationsverhältnisse *der Lavanttaler Alpen* ... Wien (Springer-Verlag) 1956. Oct.
Publ.: 1956, by Felix Widder who edited this text left by Benz (d. 1921), p. [1]-26, [27]. *Copies*: NY, U. – Issued as Angewandte Pflanzensoziologie Heft 15, 1956.

Benze, Wilhelm (fl. 1887), German (Sachsen) botanist, educated at gymnasia at Gardelegen and Halberstadt, studied modern languages at Strassburg, Freiburg and Berlin, ultimately at the philosophical faculty of the Friedrich-Wilhelms-Universität in Berlin, student of S. Schwendener and A.W. Eichler. (*Benze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 165.

20.892. *Über die Anatomie der Blattorgane einiger Polypodiaceen*, nebst Anpassungserscheinungen derselben an Klima und Standort. Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich zu verteidigen am 11 August 1887 ... Gardelegen (Druck von Julius Könecke) [1887]. Oct. (*Anat. Blattorg. Polypod.*).
Publ.: 11 Aug 1887 (date of defense thesis; Nat. Nov. Oct (2) 1887), p. [1]-47, [48]. *Copies*: GOET(NSUB), L. – "Vita" on p. 48: b. 26 Feb 1862, Gardelegen; lists his teachers.

***Berchtold, Friedrich**, Graf von, Freiherr von Ungarschütz (Uherčic) (1781-1876), Bohemian (Budweis) botanist, educated at the Altstädter Gymnasium, Prague, studied at the University of Prague with J.C. Mikan (for botany), Dr. med. 1804, visited various central European botanists 1804-1805, practising physician in Tučap (Bohemia) until 1815, turned definitively to botany from 1815, travelled from 1836-1855 widely in Europe, the Near East and, 1846-1847, in Brazil. (*Bercht.*).

HERBARIUM and TYPES: PR (founder of this herbarium).

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 345; Barnhart 1: 166 (b. 25 Oct 1781, Platz, bei Neuhaus, d. 3 Apr 1876, Schloss Buchlewitz bei Ungarisch-Hradisch); BM 1: 137, 570; CSP 1: 287, 12: 70; DTS 1: 18; Futak-Domin p. 101-102; Hortus 3: 1188; IH 2: 69; Jackson p. 265; Kew 1: 219; Langman p. 130; LS 2286; Maiwald p. 180-181, 275 [index]; PR 631-633,

2887, 7113, ed. 1: 727-728; Rehder 1: 439, 513, 3: 90, 4: 535; TL-2/1: 182-184 and see indexes; Tucker 1: 75; Zander ed. 10, p. 634, ed. 11, p. 720.

BIOFILE: Anon., Jahrb. k. boehm. Ges. Wiss. 1876: xxxvii-xxxviii (obit., b. 25 Oct 1781 Stráz nr. Budweis, Bohemia, d. 3 Apr 1876); Preslia 48(2): 106. 1976 (as Bedrich Vsemír Berchtold).
Ilg, W., Hoppea 42: 318. 1984 (member Regensb. bot. Ges. 1817).
Nemec, Vesmir 14: 33-39. 1935.

NOTE (1) See TL-2/1: 182-184 and indexes. – The spelling "Berchthold" is incorrect.
(2) *Prir. rostlin*, TL-2/433. *Additional copy*: BM.

20.893. *Die Potamogeta Böhmens*. Monographisch bearbeitet in ökonomisch-technischer Hinsicht von F. Grafen von Berchtold, in botanischer von Franz Xaver Fieber ... Prag (Gedruckt bei Th. Thabor, ...) 1838. Oct. (*Potamogeta Böhm.*).
Authorship: economical and technical part by Berchtold, botany by Franz Xaver Fieber (1807-1872).
Publ.: Jul-Sep 1838 (preface by Fieber 1 Mai 1838; advertisement on p. [3] of cover 24 Jul 1838; Allg. Bibl. Deutschl. 26 Oct 1838 "just publ.", Anhalt. Gartenbau Z. Oct 1838, id., Lit. Zeit., Berlin 17 Oct 1838), p. [1]-51, *pl. 1-4*. *Copy*: JE (information H. Manitz). – See also TL-2/434 and 438: partial reprint from TL-2/434.

Berens, Reinhold von (1745-1823), Latvian (Riga born) physician, educated at the Domschule and Lyceum in Riga 1756-1764, studied at the Collegium med.-chir. Berlin 1768-1770, id. at Göttingen 1768-1770, Dr. med. Göttingen 1770; license St. Petersburg 1771, practicing in Moscow 1771-1773, military physician in Omsk 1773-1780, living in Moscow 1780-1784, from 1784 in Riga. (*Berens*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 166 (b. 12 Jan 1745, Riga; d. 28 Oct 1823, Riga); BM 1: 138; Dryander 3: 262; Kew 1: 219; PR 636, ed. 1: 729; Rehder 2: 81; Tucker 1: 75.

BIOFILE: Borodin, J., Trav. Mus. Bot. Acad. Sci. St. Petersburg 4: 7. 1908.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 405. 1877.
Trautvetter, E.R. v., Grundriss Gesch. Bot. 16. 1837.
Wagenitz, G., Göttinger Biologen 1737-1945. 25. 1988.
Welding, O. et al. (ed. W. Lenz), Deutschbaltisches biographisches Lexikon 1710-1960. 46. 1970 (main source).

20.894. *Dissertatio* inauguralis botanica *de Dracone arbore Clusii*. Consentiente gratioso ordine medico pro conseqvendis svmmis in medicina honoribvs pvblice defendenda a Reinholdo Berens Riga-Livono d. xvi. Augusti a. [1770]. Goettingae (ex officina Schvlziana, ...) [1770]. Qu. (*Diss. Drac. arb. Clus.*).
Publ.: 16 Aug 1770 (date of defense thesis), p. [i*-xii*], [i]-lii, *pl. [1]* (uncol. copp. engr.). *Copies*: GOET (NSUB), NY. – Dedicated to J.G. Gleditsch (TL-2/1: 951-952).
Reprinted: 1790 *in* C.F. Ludwig, ed., Delectus opusculorum ad scientium naturalem spectantium 1: 389-432. 1790. *Copy*: B-S.

Berg, Alexander (fl. 1832), German pharmacist. (*A. Berg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 167; BM 1: 138; PR 638, ed. 1: 730.

BIOFILE: Freund, H. and A. Berg, Gesch. Mikroskopie 1 [see index]. 1963.

20.895. *Anleitung* zur *Erkennung* der *in der Arzneikunde gebräuchlichen* phanerogamischen *Gewächse*, so wie solcher, welche damit verwechselt werden können, nach den natürlichen Familien, nebst einer kurzen Auseinandersetzung der wichtigsten Pflanzensysteme, einer kurzen alphabetischen geordneten Terminologie und einem Register aller Namen und Synonymen der darin beschriebenen Gewächse und davon in arzneiliche Anwendung gezogenen Gegenstände. Für Mediciner und Pharmaceuten ... Berlin (Verlag von Friedrich August Herbig) 1832. Oct. (*Anl. Arzneik. phan. Gewächse*).
Publ.: 1832, p. [i]-vi, 1-169, [1, adv.]. *Copy*: NY.
Ref.: Anon., Linnaea 7(Litt.): 112. 1832.

Berg, [Friedrich Wilhelm Carl, later Federico Guillermo] **Carlos** (1843-1902), Latvian ("Kurland") zoologist (especially entomologist) and botanist, educated in Senten and Tuckum, in business in Mitau and Riga 1859-1871, private teacher id. 1871-1873, curator at the Zoological Museum in Buenos Aires 1873-1890, Dr. phil. 1874, director of the Natural History Museum in Montevideo (Uruguay), from 1892 director of the National Museum in Buenos Aires, travelled briefly in Germany, Kurland and Riga 1897. (*C. Berg*).

HERBARIUM and TYPES: B, BA, CORD, LD, LE, NY, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 167 (b. 21 Mar/2 Apr 1843, Tuckum, Kurland; d. 19 Jan 1902, Buenos Aires); BL 1: 233; BM 1: 138; CSP 7: 141, 9: 194-195, 13: 459-461; Frank 3(Anh.): 10; IH 2: 69; Jackson p. 376, 509; Morren ed. 2, p. 37, ed. 10, p. 142; Rehder 1: 344, 2: 282, 439; Tucker 1: 75-76; Urban-Berl. p. 329.

BIOFILE: Anon., Nat. Nov. 9: 40. 1887 (Dr. ci.); ÖBZ 40: 430. 1890 (to Montevideo), 42: 428. 1892 (dir. Mus. nac. Buenos Aires); Bot. Not. 1903: 34.
Ceballos, E.S., Boll. Inst. Geogr. Argent. 18: 71-82. 1897 (bibl.).
Gallardo, A., Anal. Soc. Cien. Argent. 43: 273-279. 1879, 53: 98-128. 1902; Anal. Mus. nac. Buenos Aires 7: ix-xl. 1902 (detailed biogr., bibl.).
Gilbert, P., Comp. biogr. lit. deceased entomol. London 1977, p. 8.
Osborn, H., A brief history of entomology 179, *pl. 12*. 1952.
Perez Moreau, R.A., Bibl. geobot. Patagonica 110. 1965.
Schweder, G., Korresp.-Bl. Naturf. Ver. Riga 45: 1-6. 1902.
Sheets-Pyenson, S., Cathedrals of Science 38, 43-44. 1988.
Welding, O. et al. (ed. W. Lenz), Deutschbaltisches biographisches Lexikon 1710-1960. 47-48. 1970 (detailed curr. vitae, further biogr. refs.).

20.896. *Enumeracion* de las *plantas européas* que se hallan como silvestres en la provincia *de Buenos Aires* y en Patagonia ... Buenos Aires (Imprenta de Pablo E. Coni, ...) 1877. Oct.
Publ.: 1877, cover-t.p., p. [1]-24. *Copies*: G, WU. – Reprinted and to be cited from Anal. Soc. Cien. Argent. 3: 183-206. 1877.
Ref.: Anon., Bull. Soc. bot. France 26(Bibl.): 43-44. 1879 (rev.).
N.L., Bot. Zeit. 38: 47. 16 Jan 1880.

Berg, Ernst von (1782-1855), German landowner in Neuenkirchen in Mecklenburg-Strelitz. (*Berg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 138; CSP 1: 288; Hortus 3: 1188; Kew 1: 220; PR 639-640, ed. 1: 731-732.

20.897. *Die Biologie der Zwiebelgewächse* oder Versuch die merkwürdigsten Erscheinungen in dem Leben der Zwiebelpflanzen zu erklären ... Neustrelitz und Neubrandendurg [i.e. Neubrandenburg] (in der Hofbuchhandlung von Ludwig Dümmler) 1837. Oct. (*Biol. Zwiebelgew.*).

Publ.: late Mai or 1-11 Jun 1837 (preface Nov 1836; Börsenblatt rd. 11-17 Jun 1837), cover-t.p., p. [i]-vi, [7]-117, [118]. *Copies*: B, G, NY.
Ref.: Anon., Flora 9(Lit.): 23-32. 28 Jan 1839 (rev.).
Schlechtendal, D.F.L. von, Linnaea 11(Litt.): 208-209. 1838.

Berg, Ernst von (1824-?), Livland born librarian at the Botanical Garden of St. Petersburg until 1865, later director of the school system in Lodz, Poland. (*Berg, St. Petersb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 167 (b. 11 Nov 1824, Livland); BM 1: 138; Jackson p. 2, 3; Kew 1: 220; PR 641-642; Rehder 1: 2, 77, 143; TL-2/8353; Tucker 1: 76.

BIOFILE: Asmous, V.C., Chron. bot. 11(2): 93. 1947.
Helm, J., Kulturpfl. 14: 350. 1966.

COMPOSITE WORKS: (1) See G.A. Pritzel, TL-2/8353: *Additamenta* to Thes. lit. bot. 1859, 1862, 1864. Rev. D.F.L. von Schlechtendal, Bot. Zeit. 16: 287. 1858, 20: 303. 1862, 22: 92. 1864.
(2) *Catalogus systematicus bibliothecae Horti* Imperialis botanici *Petropolitani*, St. Petersburg 1852, p. i-xvi, 1-514 (n.v.).

20.898. *Notiz über die Flora graeca sibthorpiana* ... [St. Petersb. Zeitung ... 1853]. Oct.
Publ.: 1853, p. [i]-4. *Copy*: G. – Reprinted from St. Petersb. Zeit. 1853, no. 248.

Berg, Eugen (1875-?), German (Ludwigsburg in Württemberg) pharmacist, educated at the Royal Lyceum in Ludwigsburg (x-1893), pharmaceutical training in Stuttgart 1893-1896, studied pharmacy at the University of Erlangen 1896-1899, pharmaceutic license, Dr. phil. ib. 1896 as student of Max Reess. (*Eug. Berg*).

HERBARIUM and TYPES: Unknown.

20.899. *Studien über* den *Dimorphismus* von *Ranunculus Ficaria*. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Kgl. Friedrich-Alexander Universität Erlangen ... Ludwigsburg (Buchdruckerei Otto Eichhorn) 1899. Oct. (*Stud. Dimorph. Ranunc. Fic.*).
Publ.: 20 Jul 1899 (date of defense thesis), p. [1]-47. *Copies*: BKL, GOET.

***Berg, Otto Carl** (1815-1866), German (Stettin, Preussen) botanist, educated at the Gymnasium, student at a pharmacy in Demmin, studied pharmacy at the University of Berlin 1838-1839, further study in various pharmacies, at the University of Berlin for natural sciences 1842-1845, Dr. phil. bot./pharm. 1848, private lecturer id. 1849, extraordinary professor 1862-1866. (*O. Berg*).

HERBARIUM and TYPES: B. – See TL-2/1: 185. – 12 folders with 800 species and varieties of Melastomaceae and 23 folders with nearly 2000 numbers of Myrtaceae for sale (Bot. Zeit 25: 128. 1867). For Berg's types of Myrtaceae at MEL see J.A. Anderson (1971).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 167 (b. 18 Aug 1815, d. 20 Nov 1866); BJI 1: 5, 2: 10; BM 1: 139; CSP 1: 288-289, 12: 71-72; Hortus 3: 1188; Jackson p. 203, 373; Kew 1: 220; Langman p. 130; Moebius p. 416; MW p. 43; NDB 2: 76-77; NI 138-142; PR 643-650, ed. 1: 734-735; TL-1: 30; TL-2/1: 185-186 and see indexes; Tucker 1: 76; Zander ed. 10, p. 634, ed. 11, p. 720.

BIOFILE: Aderhold, R., Gen.-Reg. Bot. Zeit. 1-50: 10. 1895 (8 titles).
Anderson, J.A., Muelleria 2(2): 119-131. 1971 (B. types of Myrtaceae in MEL; facsimile of handwriting).

Anon., Bot. Zeit. 20(41): 340. 1862 ("ist jetzt endlich zum Professor extraordinarius in [der Berliner] Facultät ernannt worden"), 25(3): 24. 1867 (d.), 25(16): 128. 1867 (herb.); ÖBZ 17: 89. 1867 (d.).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 405. 1877.
Ilg, W., Hoppea 42: 310, 318. 1984 (Regensb. bot. Ges.).
McVaugh, R., Taxon 5: 134-135. 1956.
Regel, E., Gartenflora 16(1): 30-31. 1867 (obit.).
Urban, I., Bot. Jahrb. 19: 563. 1894; Fl. bras. 1(1): 159-160. 1906 (curr. vitae, list publ.).
Wittrock, V.B., Acta Horti Berg. 3(3): 119. 1905 (on portr.).

COMPOSITE WORKS: (1) see TL-2/1: 185.
(2) Berg senior author of O.C. Berg and C.F. Schmidt, *Darstell. Beschr. off. Gew.*, TL-2/10.873. – Further *copy*: U.
(3) Berg co-author of original text of O.C. Berg et al., (*Atlas off. Pfl.*), TL-2/10.874 sub C.F. Schmidt. – Further *copy*: U.

20.900. *Charakteristik der* für die Arzneikunde und Technik wichtigsten *Pflanzen-Genera* in Illustrationen nebst erläuterndem Texte nach seinem Handbuche der pharmaceutischen Botanik ... Berlin (Verlag der Plahnschen Buchhandlung (L. Nitze)). 1845 Qu. (*Char. Pfl.-Gen.*).
Publ.: *Ed. 1*: Oct-Dec 1845 (preface p. viii dated Sep 1845), p. [i]-viii, [1]-143, *pl. 1-96* (uncol. liths.). *Copy*: U.
Ed. 2: 1861 (n.v.), (published in Lieferungen).
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 19: 43-44. 8 Feb 1861 (ed. 2).

20.901. *Handbuch der pharmaceutischen Botanik* für Pharmaceuten und Mediciner ... Berlin (Plahn) 1845. Oct. (*Handb. pharm. Bot.*).
Publ.: *Ed.* [*1*]: Jun 1845 (Börsenblatt 19-21 Jun 1845; Bot. Zeit. 3(43): 716. 24 Oct 1845), p. [i]-viii, [1]-437. *Copy*: n.v.
Ed. 2: 1850 (p. vi: Jul 1850), p. [ii]-vi, [1]-457, [458]. *Copy*: B. – Main title *Botanik* von Dr. Otto Berg, ... zweite neu bearbeitete Auflage der Pharmaceutischen Botanik. – Left-hand t.p. *Handbuch der pharmaceutischen* Botanik ... Zweite nach einem erweiterten Plane vollständig umgearbeitete Auflage. *Erster Band - Botanik*. Berlin (Verlag von Louis Nitze) 1850. Oct. – *Note*: Zweiter Band: *Pharmacognosie*, not treated by us.
Ed. 3: 1855, p. [ii*-iii*], [i]-ii, [iii], [1]-443. *Copy*: B. – "Dritte verbesserte Auflage" Berlin (Verlag von Rudolf Gaertner ...) 1855. *Erster Band*: *Botanik*.
Ed. 4: 1860, ... p. [i]-vi, 451 p. *Copy*: see BM 1: 139 (n.v.).
Ed. 5: 1866, p. [i]-viii, [1]-458. *Copy*: see PR 343 (n.v.). – Fünfte verbesserte Auflage. Berlin, Gärtner 1866.
Reviews: *Ed.* 2: W-S, Bot. Zeit. 9(11): 212-219. 14 Mar 1881; C. Jessen, Flora 39(1)(7): 100-107. 21 Feb 1851.
Ed. 3: D.F.L. von Schlechtendal, Bot. Zeit. 14(52): 927-930. 26 Dec 1856, H. Fürnrohr, Flora 39(1)(5): 73-74. 7 Feb 1856.
Ed. 4: D.F.L. von Schlechtendal, Bot. Zeit. 18(24): 217-218. 15 Jun 1860, Anon., Flora 43(44): 702-703. 28 Nov 1860.
Note: The history of Berg's *Handbuch der pharmaceutischen Botanik* is involved. We had no opportunity to deal with all editions and secondary works such as *Pharmaceutische Waarenkunde* and *Pharmaceutische Botanik*. These books came out in various editions, in part as subtitles of the *Handbuch*. The books contain rich details also for plant taxonomy.

20.902. Anatomischer Atlas zur pharmaceutischen Waarenkunde in Illustrationen auf funfzig [sic] in kreidemanier lithographierten Tafeln nebst erläuterndem Texte ... Berlin (Verlag von Rudolf Gaertner ...) 1865. Qu. (*Anat. Atl. pharm. Waarenk.*).
Publ.: 1865, p. [i-iv], [1]-103, *pl. 1-50* (uncol. liths.). *Copies*: L, U.

Berg, Otto Georg Julius (1871-x), German (Sachsen) pharmacist, educated at the Gymnasium zum heiligen Kreuz, Dresden 1881-1888, first pharmaceutical training in pharmacies in Dresden and Glogau 1888-1891, practicing in pharmacies in Glogau, Mühlhausen (Thür.), Wiesbaden, Dresden and Eibenstock 1891-1894, at the University of Leipzig 1894, Dr. phil. Erlangen 1898. (*O.G.J. Berg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 167.

20.903. *Beitrag* zur Kenntniss der *Entwicklung des Embryosackes* der Angiospermen. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Friedrich-Alexanders-Universität Erlangen ... Bamberg (Druck von S. Mahlmeister, ...) 1898. Oct. (*Beitr. Entw. Embryosack.*).
Publ.: early 1898 (last examination 15 Dec 1897), p. [1]-48, 3 tables. *Copy*: GOET.

Bergdolt, Ernst (1902-x), German botanist, assistant, habil. Univ. München 1936, from 1938 curator at the München Botanical Garden. (*Bergdolt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 10; Futak-Domin p. 101; IF suppl. 3, p. 202; Kew 1: 221; LS suppl. 2407.

BIOFILE: Anon., Hedwigia 75(2) (Beibl.): 168. 1936 (habil. Univ. München); ÖBZ 87(2): 160. 1938 (appt. curator Bot. Gard. München).

COMPOSITE works: (1) *Peltolepis, Sauteria, Clevea, in* L. Diels et al., *Die Pflanzenareale* ser. 3. 5, p. 45-61, map 46-48. 1932.
(2) Collaborator G. Hegi, *Ill. fl.* ed. 2., see TL-2/2571.

20.904. *Untersuchungen über Marchantiaceen* ... Jena (Verlag von Gustav Fischer) 1926. Oct. (*Unters. Marchantiac.*).
Publ.: Jun-Aug 1926 (p. [5]: Mar 1926, preface; ÖBZ Jun-Aug 1926, Nat. Nov. Nov 1926), cover-t.p., p. [1, t.p.], [3]-86. *Copies*: Gr-V, L, U. – Issued as Bot. Abh., ed. K. Goebels, 10. 1926.
Ref.: Reimers, H., Hedwigia (Beibl.) 67(1): (27). Mai 1927 (rev.).

20.905. *Morphologische* und *physiologische Untersuchungen* über *Viola*. Zugleich ein Beitrag zur Lösung des Problems der Kleistogamie ... Jena (Verlag von Gustav Fischer) 1932. Oct. (*Morph. physiol. Unters. Viola*).
Publ.: 1932, cover-t.p., p. [1]-120. *Copies*: BR, U. – Issued as Bot. Abh., ed. K. Goebel, 20. 1932.

Berge, [Carl] Friedrich [Wilhelm] (1811-1883), German entomologist at Stuttgart. (*F. Berge*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 167; BM 1: 139; Kew 1: 221; KR p. 70-71; NI 143, suppl. p. 20 (b. Stuttgart 11 Dec 1811, d. 19 Sep 1883 ib.); Plesch p. 139; PR 654, ed. 1: 738; Rehder 3: 59.

BIOFILE: Calmbach, V., Entomol. Z. 35(5): 17-18, 36. 1921, 36: 61, 65-66. 1923, 37: 3, 7, 15-16, 22-23. 1924 (biogr. notes and bibl. of his book on Lepidoptera).

20.906. *Giftpflanzenbuch* oder allgemeine und besondere Naturgeschichte sämmtlicher inländischen sowie der wichtigsten ausländischen phanerogamischen und kryptogamischen Giftgewächse, mit treuen Abbildungen sämmtlicher inländischen und vieler ausländischen Gattungen ... Stuttgart (Schaitlin & Krais) 1845. Qu. (*Giftpfl.-Buch*).

Co-author: V.A. Riecke.
Publ.: *Ed. 1*: 1845 (pref. Jan 1845), [i]-xi, [1]-329, *pl. 1-72* (col.), publ. in 12 Lieferungen, last set (10-12) publ. Mar 1845. *Copies*: MO, NY.
Ed. 2: 1850, idem (n.v.).
Neue Ausgabe 1855, p. [iii]-xi, [1]-329, *pl. 1-72* (col.). *Copy*: B. – Verlag von Krais & Hoffmann.

Berge, Hermann (1845-1891), German (Magdeburg) botanist, originally gardener, studied later at the Universities of Jena and Zürich, teacher at Herisau 1872-1874; assistant 1874-1888, 1876-1881 lecturer at the Zürich Polytechnic, with the School of Arts in Berlin 1881-1882, from 1882-1891 master of drawings at the highschool at Luisenstadt. (*H. Berge*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 167 (1845, Magdeburg -1891); BM 1: 139; Jackson p. 108, 487; Kew 1: 221.

BIOFILE: Schröter, C., Verh. Schweiz. naturf. Ges. 99: 20. 1918 (see also table opposite p. 24).

20.907. *Entwicklungsgeschichte von Bryophyllum calycinum.* I. Theil. Inaugural-Dissertation vorgelegt der hohen philosophischen Facultät der Universität Zürich ... Zürich (Druck von Orell Füssli & Co.) 1876. Oct. (*Entw.-Gesch. Bryophyllum*).
Publ.: *Thesis issue*: Jan-Apr 1876 (Bot. Zeit. 12 Mai 1876; Flora 1 Sep 1876), cover-t.p., p. [1]-62. *Copy*: G.
Ref.: G.K., Bot. Zeit. 34: 733. 17 Nov 1876 (rev.).

20.908. *Beiträge zur Entwicklungsgeschichte von Bryophyllum calycinum* ... Zürich (Druck und Verlag von Caesar Schmidt) 1877. Oct. (*Beitr. Entw.-Gesch. Bryophyllum*).
Publ.: Jan-Apr 1877 (review in ÖBZ 1 Mai 1877 by H.W.R.), cover-t.p., p. [i-vi], [1]-111, *pl. 1-8* (uncol., auct). *Copies*: L, U.
Ref.: Anon., Bull. Soc. bot. France 24(Bibl.): 182-183. Nov-Dec 1877 (rev.).

20.909. *Pflanzenphysiognomie.* Besprechung der landschaftlich wichtigen Gewächse ... Berlin (Verlag von Wiegandt, Hempel & Parey ...) 1880. Oct. (*Pfl.-Physiogn.*).
Publ.: 1880, cover-t.p., p. [i]-xii, [1]-288. *Copies*: B-S, G.

Bergen, Heinrich von (fl. 1826), German drugs agent in Hamburg. (*H. Bergen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 167; BM 1: 140; Kew 1: 221; NI 144; PR 655, ed. 1: 739; Rehder 2: 812; Tucker 1: 76.

20.910. *Versuch einer Monographie der China* ... Hamburg ... (Gedruckt bey Hartwig & Müller) 1826. Qu and Fol. (*Vers. Monogr. China*).
Publ.: 1826 (p. xi: Mar 1826), p. [i]-xi, [xii], [1]-318, tables 1-7 (4 in 3 parts, 7 in 2 parts, in all 10 tables), Atlas (separately bound), *pl. 1-7* (col.), *8* (geogr. map Cinchona). *Copies*: L, U. – Text quarto, atlas folio.

Bergendal, David (1855-1908), Swedish (Bohuslän) botanist, educated at Lund and Göteborg, final examination Göteborg 1874, studied at the University of Göteborg, cand. ex. 1877, dr. phil. 1883, lecturer in botany at Lund 1883, id. zoology 1886, e.o. prof. anatomy 1894, professor of zoology 1904, teacher at a private school in Lund 1883-1892, director ib. 1892-1897. (*Bergendal*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 168 ("Bergendahl"); BJI 2: 5; BM 1: 140; CSP 9: 195-196; Kew 1: 221; KR p. 71 (b.4 Mai 1855, d. 23 Sep 1908); Morren ed. 10, p. 105; Rehder 1: 108.

BIOFILE: Anon., Bot. Not. 1908: 212, 1933: 14, 31, 79.
Högrell, B., Bot. hist 1: 286-287. 1886.
Wittrock, V.B., Acta Horti Berg. 3(2): 31. 1903, 3(3): 4. 1905 (portr.).
Wulff, Th., Sv. bot. Tidskr. 2: 87-90. 1908 (obit., portr., list bot. publ., b. 4 Mai 1855, d. 23 Sep 1908).

20.911. *Bidrag till örtartade dikotyledoners jämförande anatomi.* Akademisk Afhandling, som med vederbörligt tillstånd för erhållande af filosofisk Doktorsgrad vid Lunds Universitet till offentlig granskning framställes onsdagen den 7 Nov. 1883. Kl. 10 f.m. å Botaniska lärosalen ... Lund (Fr. Berlings Boktryckeri ...) 1883. Qu. (*Bidr. Dikot.-anat.*).
Publ.: 7 Nov 1883 (date of defense thesis, Bot. Zeit. 28 Dec 1883), p. [i-iv], [1]-134, [i]-vi, *pl. 1-6* (uncol. auct.). *Copy*: B. – Preprinted or reprinted from Lunds Univ. Årsskr. 19. 1883.

Bergenthal, Wilhelm (1907-x), German forestry scientist, born in Stralsund (21 Jun), educated at the Hindenburg-Realgymnasium, Trier, studied at the Universities of Freiburg i. Br. and Munich 1927-1928, practical apprenticeship at the Forestry School at Hannover-Münden 1929-1930, "Staatsforstreferendar" 1932 in Berlin, Dr. forestry science at Hann.-Münden 22 Jun 1933. (*Bergenthal*).

HERBARIUM and TYPES: Unknown.

20.912. *Untersuchungen* zur Biologie der wichtigsten deutschen Arten *der Gattung Stereum.* Inaugural-Dissertation zur Erlangung der Würde eines Doktors der Forstwirtschaft der Forstlichen Hochschule zu Hann.-Münden ... Jena (Verlag von Gustav Fischer) 1933. Oct. (*Unters. Stereum*).
Publ.: 1933, cover-t.p., p. [i-iv], [209]-236, [i*, vita]. *Copy*: L. – Main text reprint from Zentralbl. Bakteriol. II Abt. 89: 209-236. 1933.

***Berger, Alwin** (1871-1931), German (Möschlitz, Thüringen-born) botanist, gardener at the castle of Ebersdorf, later in the Botanical Gardens at Dresden, Pallanza (Italy), Greifswald, Freiburg and in the Palmengarten in Frankfurt; from 1897-1914 curator of Thomas Hanbury's garden at La Mortola, Italy; in charge of the gardens of the King of Württemberg, lived in Stuttgart 1916-1919; at the experiment station at Geneva, New York 1923-1926, head of the botany department of the Stuttgart natural history museum 1926-1931; specialist in Cactaceae and other succulents. (*A. Berger*).

HERBARIUM and TYPES: NY (see Britton 1932); further material in B, BH, BR, DBN, G, M, LZ, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 168; BJI 2: 10-11; BL 2: 362; BM 6: 81; Bossert p. 34; CSP 13: 464; Hortus 3: 1188; IH 2: 69; Kew 1: 221; Langman p. 130; Lenley p. 29; MW p. 42; NW p. 40; Rehder 5(index): 74; TL-2/1: 186-187, and see indexes; Tucker 1: 76, 251, 436; Urban-Berl. p. 329; Zander ed. 10, p. 634, ed. 11, p. 720-721.

BIOFILE: Anon., Bot. Centralbl. 71: 224. 1897 (B. succeeds K. Dinter as curator at La Mortola).
Barnhart, J.H., J. New York bot. Gard. 33: 197. 1932 (obit., b. 28 Aug 1871 at Möschlitz, d. 20 Apr 1931 at Cannstadt nr. Stuttgart).
Britton, N.L., J. New York bot. Gard. 33: 196. 1932; J. Cact. Succ. Soc. Amer. 4: 290. 1932.
Bullock, A.A., Bibl. S. Afr. Bot. 10. 1978.
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20.914. *Über die systematische Gliederung der Gattung Aloë* ... [Sonderabdruck aus Engler's Botanischen Jahrbüchern ... Leipzig (Wilhelm Engelmann) 1905.]. Oct.
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Publ.: Oct-Dec 1906 (date on t.p. 1907; preface Sep 1906; copies rd. e.g. at NY Oct-Dec 1906; ÖBZ rd. Oct-Dec 1906, Bot. Zeit. 1 Jan 1907), p. [i]-v, [vi-vii], [1]-135. *Copies*: L, MO (copy dedicated to Thomas Hanbury dated in dedication Dec 1906), NSW, U.
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Publ.: Aug-Sep 1908 (p. v: Easter 1908; ÖBZ Aug-Sep 1908, NY rd. 1-31 Oct 1908; Nat. Nov. Oct (1,2) 1908, Bot. Centralbl. 27 Oct 1908, Bot. Zeit. 1 Dec 1908, Allg. Bot. Z. 15 Nov 1908), p. [i]-v, [vi-vii], [1]-328. *Copies*: L, MO, U.
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Publ.: Oct-Nov 1915 (p. vi preface: Aug 1915; "soeben ..." 23 Nov 1915 in Bot. Centralbl.; review ÖBZ 1 Dec 1915), p. [i]-vi, [vii-viii], [1]-288. *Copies*: L, MO, U.
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Publ.: Dec 1924 (date on p. [1]), p. [1]-118, *pl. 1-8. Copy*: L. – Issued as Techn. Bull. N.Y. State Agric. Exp. Sta., Geneva no. 109.

Berger, Louis Guillaume den (1881-1945), Dutch chemist and agriculturist, studied at the Technical College at Delft, Ir. 1935, assistant at the Experiment Station for Rice at Buitenzorg 1905, with the Forestry Institute at Buitenzorg 1917, wood technologist 1918, chief of the division of technology 1928, director of the General Experiment Station for Agriculture, Buitenzorg 1928-1931, retired 1931, settled in the Netherlands. (*L.G. den Berger*).

HERBARIUM and TYPES: BO (see SK 1: 51), BZF.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 237; Backer 1: 166; IH 2: 69; SK 1: 51.

BIOFILE: Beumée, J., Landbouw 7: 157-159. 1931-1932 (brief biogr. sketch).
Wind, R., Tectona 24: 937-938. 1931 (appreciation, portr.).

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Publ.: 1922 (p. 321 text signed Dec 1921), cover-t.p., p. [305]-321. *Copy*: L. – Reprinted and to be cited from Tectona 15(4): 305-321. 1922.

20.926. *Belangrijke houtsoorten van Nederlandsch-Indië.* Deel I. ... Departement van Landbouw ... Nederlandsch-Indië ... Weltevreden [Java] (Landsdrukkerij) 1925. Qu. [size]. (*Belangr. houts. Ned.-Ind.*).
Co-author: Frederik Hendrik Endert (b. 1891).
Publ.: 1925, p. [i-iv], 1-136, 1 unnumb. table, 18 unnumb. pages, index. *Copy*: U. – Issued in series Meded. Proefstat. Boschwezen no. 11, 1925.

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Publ.: 1926 (preface Jan 1926), p. [i], [1]-186, folded table, [i]-ix, [xi, corr.]. – Issued as Meded. Proefstat. Boschwezen 13. 1926.
Platenatlas: 1926, cover-t.p., p. [i*], [i]-iv, *pl. 1-31* (uncol. wood sect.). – Id. 13. 1926.
Copies: L, U.

Bergevin, Ernest de (1859-1933), French entomologist and botanist, travelled in Algeria and Tunisia 1897-1898. (*Bergevin*).

HERBARIUM and TYPES: AL (musci).

BIBLIOGRAPHY and BIOGRAPHY: CSP 13: 467-468; IH 2: 69; Kew 1: 222; Tucker 1: 76.

20.928. *Note sur les affinités des Thallophytes* et des Muscinées ... Rouen (Imprimerie Julien Lecerf) 1888. Oct.
Publ.: 1888 (Nat. Nov. Nov (1) 1888; Bot. Zeit. 28 Dec 1888, Bot. Centralbl. 12-16 Nov 1888), cover-t.p., p. [i], [265]-274. *Copy*: L. – Reprinted and to be cited from Bull. Soc. Amis Sci. nat. Rouen 1887(2): 265-274. 1888.

20.929. *Partitions anomales du rachis chez les fougères* ... Rouen (Imprimerie Julien Lecerf) 1890. Oct.
Publ.: Sep-Oct 1890 (p. 7 dated 4 Sep 1890; Bull. Soc. bot. France 13 Feb 1891, Bot. Zeit. 27 Feb 1891), cover-t.p., p. [i, t.p.], [439]-477, *pl. 1-3* (uncol. liths.), [479, expl. pl.], [iii, identif.]. *Copy*: L. – Reprinted and to be cited from Bull. Soc. Amis Sci. nat. Rouen 1889(2): 439-479, *pl. 1-3*. 1890.

***Berggren, Sven** (1837-1917), Swedish botanist and botanical explorer, studied at the University of Lund 1857-1865, Dr. phil. ib. 1865, lecturer in botany ib. 1866, e.o. professor at Uppsala 1881, id. at Lund 1883, regular professor of botany in Lund 1898-1902; collected in Spitzbergen 1868, Greenland 1870, New Zealand, Australia, Sandwich Isl. and California 1873-1875. (*Berggr.*).

HERBARIUM and TYPES: LD. – See further TL-2/1: 190 and IH 2: 69. – Contributed to V.B. Wittrock & C.F.O. Nordstedt, *Algae aquae dulcis exsiccatae*.

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BIOFILE: Almborn, O. Bot. Not. 133: 459. 1980 (portr.).
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NOTE: Sven Berggren's *Algae collected on the Sandwich Isl.* were published by O. Nordstedt, *Alg. aq. dulc. Sandvic.* 1873, see TL-2/6865. – Further *copy*: MO.

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Publ.: *General issue*: 30 Mai 1865 or somewhat later (see below thesis issue), p. [1]-30, [31-33], *pl. 1-4*. *Copy*: KNAW. – Issued with independent pagination in Lunds Univ. Årsskr. 1, II Afd. Mat. Nat. no. 5. 1865. – KR no. 1.
Thesis issue (n.v.): 30 Mai 1865 (date of defense thesis, Lund (Berlingska boktr.) 1865), p. [i], [1]-30, [31-33], *pl. 1-4*. – KR no. 1.
German summary: P.G. Lorentz, Flora 51: 68-72, 81-92, *pl. 11a*. 1868.
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Ref.: Reichardt, H.W., ÖBZ 17: 80. 1 Mar 1867 (rev.).
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Publ.: *Thesis issue* (for lecturership Uppsala): 15 Mai 1868, cover-t.p., p. [1]-30, [31], *pl. 1-2* (uncol. liths. auct.). *Copies*: B, U. – KR no. 4.
Journal issue: Lunds Univ. Årsskr. 4, II, Afd. Mat. Nat. no. 12. 1868. – IDC 1233/2.
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Publ.: 1875 (mss. submitted 30 Mar 1874), p. [1]-103. *Copies*: G, MO, NY, U, US; IDC EH 542/2 fiches C266-C269. – Issued as K. Sv. Vet.-Akad. Handl. ser. 2. 13(7). 1875. – KR no. 11b.
Ref.: H.W.R., ÖBZ 27: 349. 1 Oct 1877 (rev.).

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Publ.: 1875, p. [1]-46. *Copies*: G, U, US. – Issued as K. Sv. Vet.-Akad. Handl. ser. 2. 13(8). 1875. – KR no. 15.

20.935. *Några nya* eller ofullständigt kända arter af *nyzeeländska fanerogamer*, ... [Lund (Typis in officina sua fusis expr. Fr. Berling ... 1878]. Qu. (*Några nyzeel. fan.*).
Publ.: 3 Oct 1878, p. [i, t.p. Commentationes], [1]-33, 34 (index), *pl. 1-7* with text (uncol. copp. engr. auct.). *Copies*: G, L, MO, NY. – Issued in Commentationes quas in memoriam sollemnium secularium a.d. iii nonas oct mdccclxxviii edidit Regia Societas physiographorum Lundensis. – KR no. 18a.
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Publ.: 1880 (Bot. Jahrb. 17 Nov 1881), p. [1]-11, [13-14], *pl. 1-2* (uncol. liths.). *Copies*: B, KNAW. – Issued as Lunds Univ. Årsskr. 16, II Afd. Mat. Nat. no. 3. 1880. – KR no. 17.
French translation: 1881, p. [21]-31, *pl. 1* (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Ann. Sci. nat. Bot., ser. 6. 13: 239-249, *pl. 12*. 1882. – "Le prothalle et l'embryon de l'Azolla".
German translation: 29 Sep 1883 (in journal), Verh. bot. Ver. Prov. Brandenburg 24 (Abh.): 97-110, *pl. 1-2*. 1883. – "Ueber das Prothallium und den Embryo von Azolla".
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20.939. *On New Zealand Hepaticae* ... I. ... Lund (printed by E. Malmström) 1898. Qu. (*New Zealand Hepat.*).
Publ.: *1*: 1898, cover-t.p., p. [i, t.p.], [1]-48. *Copy*: GR-V. – KR no. 26.
Ref.: A.G., J. Bot. 38: 58. Feb 1900.

Bergh, Rudolph Sophus (1859-1924), Danish zoologist, mag. sc. zool. 1882 at the University of Copenhagen, Dr. phil. ib. 1881, lecturer in histology and embryology ib. 1890-1903, later resident in Germany. (*Bergh*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 169; BM 1: 142; CSP 1: 291-292, 7: 143, 12: 72, 13: 468-469; Moebius p. 76-77.

BIOFILE: Christensen, C., Dansk Bot. Litt. 1880-1911. 96-97. 1913 (bibl.), id. 1912-1939. p. 7 (b. 22 Sep 1859, d. 8 Dec 1924; further biogr. refs.).

20.940. *Bidrag til Cilioflagellaternes naturhistorie*. Foreløbige Meddelelser ... Kjøbenhavn (Bianco Lunos Kgl. Hof-Bogtrykkeri) 1881. Oct.
Publ.: 1881 (date on reprint; p. 19: Sep 1880), p. [1]-19. *Copy*: B. – Reprinted and to be cited from Vid. Medd. naturh. For. Kjøbenhavn ser. 5. 3: 60-76. 1881.

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Publ.: 1881, p. [i-ii], [177]-288, *pl. 12-16* (p.p. col. liths.). *Copy*: B. – Reprinted and to be cited from Morphol. Jahrb. 7(2): 177-288, *pl. 12-16*. 1881.

Berghaus, Heinrich Karl Wilhelm (1797-1884), German cartographer, from 1824 professor of mathematics at the "Bauakademie" in Berlin. (*Berghaus*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 169 (b. 3 Mai 1797, d. 17 Feb 1884); BM 1: 142; Jackson p. 223; PR 669.

BIOFILE: Zittel, K.A. von, Gesch. Geol. Paläont. 261, 281. 1899.

20.942. *Allgemeiner pflanzengeographischer Atlas*: eine Sammlung von acht Karten ... Gotha (J. Perthes ...) 1851. Fol. (*Allg. pfl.-geogr. Atlas*).
Publ.: 1851, p. [i-iii], [1]-4, 8 [i.e. 16 p.] leaves of plates numbered 1-8. *Copy*: NY. – Issued as Dr. Heinrich Berghaus' Physikalischer Atlas, Abt. 5.

Berghuis, Samuel (fl. 1864-1868), Dutch grower of fruit trees. (*Berghuis*).

HERBARIUM and TYPES: NBV.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 142; GF p. 50; IH 2: 69; Rehder 3: 76; Tucker 1: 77.

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Preface: Herman Christiaan van Hall (1801-1874), see TL-2/2: 19-21.
Publ.: *1*: 1868 (date on t.p.; p. x signed Groningen 10 Mar 1864; publication in fascicles from 1864), p. [i], frontisp. col. portrait of H.M. the King, [iii-vi], [1*-8* list of subscribers], [vii]-xxvi, 1-120, [1-6, index], *pl. 1-60* (chromoliths.). – "Eerste deel, Appels".
2: 1868 (date on t.p.; publ. from 1864 or later until 1868), frontisp., p. [i], second frontisp. (col.), [iii-vii], 1-72 (pears), 1-32 (cherries), 1-24 (prunes and plums), 1-8 (apricots), 1-4 (peaches), [1-9, index], *pl. 1-36, 1-8, 1-12, 1-4, 1-4* (chromoliths.). – "Tweede deel, Peren en steenvruchten".
Copy: L.
German translation: 2 vols. 1868: *Niederländischer Obstgarten*, beschrieben und verfasst vom Boskooper Verein zur Bestimmung und Veredlung der Obstsorten; in Abbildungen nach der Natur ... deutsche Bearbeitung von Doctor C. de Gavere, mit einem Vorworte von Professor Dr. Karl Koch, ... Groningen (J.B. Wolters) 1868 (prob. 1864-1868).
Publ.: *1*: 1868, frontisp., p. [iii]-xxvi, 1-162, [163-166], *pl. 1-60* (chromoliths.). – Erster Theille [sic] - Aepfel.
2: 1868, frontisp., p. [i, iii], 1-112 with *36 pl.* (id.), 1-36 (*8 pl.*), 1-32 (*12 pl.*), 1-8 (*4 pl.*), 1-8 (*4 pl.*), [1-6, index].
Copy: WU.

Bergman, Ernest (1851-1902), French horticulturist, born at Neuilly-sur-Marne, studied at the Lycée Louis-le-Grand, Paris, from 1878 at the Château de Ferrières, from 1878 active member of the Société d'Horticulture, secretary of the Société 1885-1902, organizer of the Paris International Horticultural Congress of 1885 and further annual congresses until 1902 and involved with the Exposition universelle of 1900. (*E. Bergman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 223.

BIOFILE: Chatenay, A., J. Soc. natl. Hortic. France, ser. 4. 3: 425-428. 1902 (notice biographique, b. 8 Aug 1851).

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Publ.: (in journal), 30 Apr and 31 Mai 1887, *in* J. Soc. natl. Hort. France ser. 3. 9: 180-187. 30 Apr 1887, 230-234. 31 Mai 1887, reprint; cover-t.p., p. [i-ii], [1]-13. *Copy*: L. – Published after 31 Mai 1887.

20.945. Les *Dieffenbachia* culture et description ... Paris (Société nationale d'horticulture de France ...) 1888. Oct. (*Dieffenbachia*).

Publ.: Oct 1888 (in journal), p. [1]-17. *Copy*: G. – Reprinted and to be cited from J. Soc natl. Hort. France ser. 3. 10: 579-593. 1888.

20.946. *Notes horticoles sur le Danemark* ... Paris (Société nationale d'horticulture de France ...) 1889. Oct.

Publ.: Mai 1889 (in journal), cover-t.p., p. [1]-11. *Copy*: L. – Reprinted and to be cited from J. Soc. natl. Hort. France ser. 3.11: 322-333. 1889.

20.947. *Notes horticoles sur la Suède et la Norvège* ... Paris (Société nationale d'horticulture de France ...) 1889. Oct.

Publ.: Aug-Sep 1889 (in journal), cover-t.p., p. [1]-24. *Copy*: L. – Reprinted and to be cited from J. Soc. natl. Hort. France ser. 3. 11: 530-544. Aug, 602-609 Sep. 1889.

Bergman, Herbert Floyd (1883-?), American botanist and phytopathologist, B.S. Kansas College 1905, M.S. Minnesota 1915, PH.D. (botany) 1918, assistant in botany Kansas College 1906-1908, assistant professor at North Dakota College 1908-1912, id. Minnesota 1912-1917, assistant pathologist U.S.D.A. 1917-1919, professor of botany Hawaii 1919-1929, senior pathologist from 1929. (*H. Bergman*).

HERBARIUM and TYPES: BPI, GH, MIN, MO, NDA, NY. – Pacific colls. (with Erling Christophersen) in BISH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 170 (b. 15 Sep 1883); BL 1: 205, 206, 2: 70, 127 (with E. Christophersen); Kew 1: 223; NW p. 40.

BIOFILE: Anon., Amer. men sci. ed. 8. 188. 1949 (source used for our biogr. entry).
Pennell, F.W. and J.H. Barnhart, Monogr. Acad. Nat. Sci. Philadelphia 1: 601. 1935.

20.948. *Comments on Malva rotundifolia* L. and its allies ... From Minnesota Botanical Studies ... 1916. Oct.

Publ.: 24 Aug 1916 (date on cover-t.p.), cover-t.p., p. [437]-442, *pl. 4-5* (uncol. phot.). *Copy*: BKL. – Reprinted and to be cited from Minnesota Bot. Stud. 4: 437-442, *pl. 4-5*. 1916.

20.949. *Abnormal flower structure in Oxalis stricta* L. ... Reprinted ... from Rhodora, Journal of the New England Botanical Club ... 1917. Oct.

Publ.: Mar 1917, p. [41]-44, *pl. 122* (uncol. lith.). *Copy*: BKL. – Reprinted and to be cited from Rhodora 19(219): 41-44, *pl. 122*. 1917.

20.950. *Flora of North Dakota* ... separate report from the sixth biennial report of the Director of the North Dakota Soil and Geological Survey. Herbert A. Hard. Director. Bismarck, N.D. (Tribune State Printers and Binders) [1918]. Oct. (*Fl. N. Dakota*).

Publ.: 1918 (see W. Trelease, Bot. Centralbl. 141: 236. 7 Oct 1919: "Though the letter of transmittal is dated November 1912, these separates are undated and appear to have been issued in 1918: the prefatory note bearing the date January 1917"), p. [t.p.: letter of transmittal dated Nov 1912, survey staff, table of contents, illustrations], 151-372, [1-15, index], *3 pl. Copy*: MO.

Additions (BL 1: 205): F.P. Metcalf, *Notes on North Dakota plants*, J. Washington Acad. Sci. 10: 188-198. 1920, as well as O.A. Stevens, *New records and other notes on North Dakota plants*, Bull. Torrey bot. Club 49: 93-105. 1922.

Bergroth, [Ivar] Ossian (1868-1904), Finnish botanist, studied at the University of Helsinki 1886, fil kand. ib. 1891, rector of a private Swedish lyceum at Frederikshamn 1897, school inspector in Vasa 1903-1904. (*Bergroth*).

HERBARIUM and TYPES: H (2000, incl. 310 *Musci*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 170 (d. 25 Jan 1904, Filippula); BL 2: 64-65, 66-69; BM 1: 143; Collander p. 36-37; IH 2: 70; KR p. 77-78; LS 31.054; Rehder 1: 366; Saelan p. 21.

BIOFILE: Anon., Bot. Not. 1905: 190 (d.).
Elfving, F., Acta Fauna Fl. fenn. 50: 217. 1921.

20.951. *Anteckningar om vegetationen* i *Gränstrakterna* mellan Åland och Åbo-Området ... Helsingfors 1894. Oct. (*Anteckn. veg. Gränstrakterna*).
Publ.: 1894 (mss. submitted 2 Dec 1893), p. [1]-78. *Copies*: U; IDC 8553. – Issued as Acta Soc. Fauna Fl. Fennica 11(3). 1894.

Bergsma, Arnold Jakob (fl. 1857), Dutch botanist, Dr. phil. Utrecht 1857. (*A.J. Bergsma*).

HERBARIUM and TYPES: Unknown.

NOTE: It is not clear to us whether A.J. Bergsma was a son of C.A. Bergsma (see below).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 170; JW 4: 374; PR 675; Rehder 1: 170, 202.

20.952. Dissertatio inauguralis *de Parthenogenesi plantarum*, quam, annuente summo numine, ... pro gradu doctoratus summisque in mathesi et philosophia naturali honoribus ac privilegiis in Academia Rheno-Trajectina rite et legitime consequendis, eruditorum examini submittit Arnoldus Jacobus Bergsma, Rheno-Trajectinus. A.D. xvii m. Martii anni mdcclvii, hora ii. Trajecti ad Rhenum (apud Kemink et filium) 1857. Oct. (*Parthenogen. pl.*).
Publ.: 17 Mar 1857 (date of defense thesis), p. [i-viii], [1]-103. *Copies*: G, U. – On p. [v] a dutch title page: *Over de parthenogenesis in het Plantenrijk* ... Utrecht (Kemink en Zoon) 1857. Oct. – The printer, Kemink et filium was the same firm which printed the early volumes of Taxon and Regnum vegetabile in the 1950-ies.

Bergsma, Cornelis Adriaan (1798-1859), Dutch (Friesian) botanist, studied at the University of Franeker (Friesland) 1817-1821, id. at the University of Utrecht 1821-1825, Dr. med. Utrecht 1825, practising physician at Hoorn 1825-1826, extraordinary professor of chemistry at the University of Gent 1826-1830, Dr. phil. Gent 1827, transferred to Utrecht 1831 as extraordinary professor of dietetics 1831-1855, succeeding J. Kops as professor of botany and pharmacy and agronomy 1835-1859. (*Bergsma*).

HERBARIUM and TYPES: L, NBV.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 63; Barnhart 1: 170 (b. 12 Mar 1798 Leeuwarden, d. 22 Jun 1859, Utrecht); BM 1: 123, 143; IH 2: 70; JW 2: 184, 3: 342; LS 2317; NNBW 4: 121; PR 676-677, ed. 1: 767-768; Rehder 5(index): 75; TL-2/see indexes; Tucker 1: 77.

BIOFILE: Anon., Allg. Konst- Letterbode 1825(1): 322. (Dr. phil.), 1831(1): 162 (transferred to Utrecht), 1858: 209 (obit. not.), 1860: 169 (v. Hall acquires B's herbarium); Bot. Zeit. 17: 367. 1859 (obit. not.); Flora 42: 74. 1859 (obit. not.); Bull. Soc. bot. France 6: 758. 1860 (on his death and his successor); Gartenflora 9(2): 65. 1860 (d.); Album studiosorum Acad. Rheno-Traiectinae, Utrecht 1886 (curr. vit.).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 405. 1877.
Hall, H.C. van, Utrechtsche Studenten-Almanak 1860, p. 194-205 (b. Leeuwarden 12 Mai

1798, d. 22 Jun 1859, Utrecht; obit.).
Miquel, F.A.W., Alg. Konst- Letterbode 1834(1): 57-59 (critisism on C.A. Bergsma; see also p. 23-26, 114-116, 196-197, 212-215).
Sirks, M.J., Indisch Natuuronderzoek 255-258. 1915.
Stafleu, F.A., Wentia 16: 2, 11, 20. 1966 (on his non-activity at U); Regnum vegetabile 71: 308, 338. 1970 (Miquel in letter to von Schlechtendal: "seine [Bergsma's] Stellung ist jedoch nicht angenehm, da er seines Characters wegen von niemand geliebt ist").

COMPOSITE WORKS: (1) With Albert von Beek (1787-1856), *Observations thermo-électriques* sur l'élévation de température des fleurs de *Colocasia odora*, Utrecht 1838, 14 p., *7 pl.*, 1 tab.

EPONYMY: *Bergsmia* Blume (1849), see ING 1: 195. 1979.

NOTE: Bergsma was probably responsible for the introduction of *Elodea canadensis* in the Netherlands outside the Hortus botanicus Utrecht via Utrecht canals (fide A.P.C. Bijlhouwer, Levende Natuur 38: 188 seq. 1934).

20.953. *Dissertatio* inauguralis *botanico-medica de Thea*, quam, favente summo numine, ex auctoritate rectoris magnifici, ... pro gradu doctoratus summisque in medicina honoribus ac privilegiis in Academia Rheno-Trajectina, rite ac legitime consequendis, publico et solemni examini submittit ... die xvii Maji mdcccxxv, hore xii. Trajecti ad Rhenum [Utrecht] (ex Offic. Joh. Altheer, Academiae Typographi) 1825. Oct. (*Diss. Thea*).
Publ.: 17 Mai 1825 (date of defense thesis), p. [i]-xvi, [1]-52, [i*-ii*], [1]-50 (catalogus autorum qui de Thea scripserunt). *Copy*: U. – W.R. Dawson, Smith papers 14. 1934 mentions a manuscript on *Thea* by Bergsma at LINN.

20.954. *Lijst der werken* waarin onze *inlandsche planten* als zoodanig opgegeven en beschreven zijn ... s.l.n.d. [1843]. Oct. (form.).
Publ.: 1834, p. [1]-3. *Copies*: L, U. – A three-page pamphlet without any indication of date or printer.

Berhaut, Jean [Père] (1902-1977), French clergyman, botanist and entomologist, sometime teacher at the apostolic schools at Bois-noir (Valais, Switzerland), Fribourg and Bouveret, vicar at Thiès, Sénégal, 1937; botanized in Sénégal 1937-1962, later working out his floras in Paris, based on the Museum d'Histoire naturelle. (*Berhaut*).

HERBARIUM and TYPES: P (2500, orig. herb.), further material also at BR, DAKAR, M, Z.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 70; Kew 1: 223.

BIOFILE: Adam, J.-G., J. Agr. trop. Bot. appl. 23(7-12): 229-230. 1976 (obit., b. 17 Mar 1902, Mordelle, Ille-et-Vilaine; d. 30 Apr 1977, Paris).
Frodin, D.G., Guide standard floras world no. 586 (287b). 1984.

NOTE: Outside our period: (1) *Flore du Sénégal*, Brousse et Jardins (Savanes de l'Afrique occidentale), Dakar 1954, x, 300 p., *10 pl.* (Taxon 5: 115. 1 Jul 1956), ed. 2. 1967, vii, 485 p., *29 pl.* (ib. 18: 313. 1969); (2) *Flore illustrée du Sénégal* vols. 1-7, 1971-1977.

Berher, Eugène-Laurent (1822-1900), French (Épinal, Vosges) physician, botanist and librarian, born at Épinal, studied at the University of Paris, Dr. med. ib. 1850, settled again in Épinal, later adjunct librarian at the municipal library. (*E.-L. Berher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 525, 534; BL 2: 211, 212; BM 1: 143; GR p. 266; Gr, cat. pl. p. 60; Jackson p. 278; LS 2317b; Morren ed. 10, p. 62; Rehder 1: 415.

BIOFILE: Werner, R.G., Bull. Acad. Soc. Lorraine Sci. 6(2): 102. 1966 (curr. vitae).

20.955. *Catalogue des plantes vasculaires* qui croissent spontanément dans le Département des *Vosges* rédigé avec la collaboration des botanistes Vosgiens ... [Annales de la Société d'Émulation du Département des Vosges ... 1876]. Oct.
Publ.: 1876 (rd. by 9 Nov 1877 Bull. Soc. bot. France), p. [83]-342. *Copies*: B, L. – Reprinted and to be cited from Ann. Soc. Émul. Dépt. Vosges 15: 83-342. 1876.
Supplément au Catalogue: 1881, *in* id. 1881: 212-226, "*Nouveau supplément*" 1883: 280-296.
Ref.: Anon., Bull. Soc. bot. France 25 (Bibl.): 84-85. 1878 (rev.).

20.956. *La flore des Vosges*. Phanérogames, muscinées, lichens, *in* Léon Louis, Le Département des Vosges; description, histoire, statistique 2: 9-366, map. Épinal 1887. Oct.
Publ.: 1887, p. [1]-366. Issued in Léon Louis, Le département des Vosges vol. 2. 1887. – Not yet seen, sic, see BL 2: 211-212 and J. Holub 1989.
Ref.: Holub, J., Folia geobot. phytotax. 24: 403-429. 1989 (on subspecies in the *Flore des Vosges*).
Hue, Abbé, Bull. Soc. bot. France 38 (Bibl.): 22. 1889 (rev. Lich.).
Vuillemin, P., J. Bot., [Morot] 1(12): 186-188. 1 Aug 1887 (rev.).

***Berkeley, Rev. Miles Joseph** (1803-1889), British clergyman and mycologist, educated at Oundle Grammar school, Rugby; entered Christ's College, Cambridge 1821, B.A. 1825, entered the Clergy 1826, ordained deacon 21 Dec 1826, id. priest 23 Dec 1827 in the See of Peterborough, curate at St. John's Margate 1829, perpetual curate of Apethorpe and Woodnewton, Northamptonshire 1833-1868, vicar at Sibbertoft 1868, from 1867 pensioned off (Civil List). (*Berk.*).

HERBARIUM and TYPES: see TL-2/1: 192; B's mycological herbarium at K has 10.900 sheets (Jackson 1901). Moss collections at K, BM and E; algae types in herb. Hooker (K); lichens at K.

MANUSCRIPTS: BM (11 vol. corr., papers, 530 water colours of fungi), K (index to mycol. herb., 143 letters to W.J. Hooker), LINN (papers read). – Library sold via John Wheldon. – For Berkeley - Curtis correspondence see Petersen, R.H. (1980).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 339 (index); Andrews p. 237; Barnhart 1: 171 (b. 1 Apr 1803, Biggin, Northamptonshire; d. 30 Jul 1889, Sibbertoft); BM 1: 144, 407, 6: 83; Bossert p. 34; Clokie p. 131; CSP 1: 295-297, 7: 144-145, 9: 200, 12: 73-74, 13: 475; Desmond p. 60 (q.v. for further details); De Toni 1: xi, 2: xiii; DNB suppl. 1: 183; DSB 2: 18-19. 1970; Frank 3(Anh.): 10; GR p. 368, *pl.* [*33*]; GR, cat. p. 60; Hortus p. 1188; IH 1 (ed. 6): 356, 2: 70; Jackson see index; Kew 1: 224-225; Lasègue p. 293, 320, 545; LS 2318, 2698, 31.061-31.064; ME 1: 165, 3: 537; Morren ed. 2, p. 24, ed. 10, p. 77; MW p. 42; NAF 1(1): 153-154, 7(15): 1051, 9(6): 428-429, ser. 2. 1: 31 (bibl.); NI 146-148; Nordstedt p. 8; Plesch p. 140; PR 680-687, ed. 1: 770-773; SBC p. 115; Stevenson p. 1236; TL-2/1: 192-195, and see indexes; Tucker 1: 77; Urban-Berl. p. 273; Zander ed. 10, p. 634, ed. 11, p. 721.

BIOFILE: Ainsworth, G.C. and G.R. Bisby, Dict. fungi ed. 7: 51. 1983.
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Anon., Flora 50: 460. 1867 (rd. annual pension (Civil List) of £ 100/yr.); J. Bot. 17: 32. 1879; Grevillea 7: 150. 1879 (mycol. herb. to K; 2087 species), 18: 88. 1890 (library to be sold via John Wheldon); Gard. Chron. ser. 3. 6: 135, 141. 1899 (portr.); Leopoldina 25: 170. 1889 (obit. not.); Ann. Bot. 3: 451-456. 1890 (curr. vitae, bibl.); Proc. Linn. Soc. 1888-1890: 33. 1891; La Belgique horticole 1892, frontisp. (portr.); Manuscr. pap. Brit. sci. 1600-1940. 9 (no 54). 1982.
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Cooke, M.C., Grevillea 17: 6. 1888 (on B. and Curtis types).

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Druce, G.E., Fl. Northamptonshire cxvii-cxx. 1930.
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Fletcher, H.R., Story R. Hort. Soc. 1804-1986. 202, 204, 206, 213, 246, 407. 1969.
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Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 59. 1970.
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Nelson, E.C., Arch. nat. Hist. 11(2): 249-261. 1983 (on B. and potatoblight in Ireland 1845-1847).
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Pegler, N.J., Kew Bull. 43(3): 453-473. 1988 (Agaricales of Brazil described by M.J. Berkeley).
Petersen, R.H., Bibl. mycol. 72: 1-120. 1980 ("B. et C.", the mycological association of M.J. Berkeley and M.A. Curtis; see also Taxon 29: 748. 1980 and Huntia 3(3): 179-180. 1979).
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20.957. On the *fructification* of the *pileate and clavate tribes of hymenomycetous fungi* ... Annals of natural history ... 1838. Oct.

Publ.: Apr 1838 (in journal), p. [81]-101, *pl. 4-5* (uncol. liths. auct.). *Copies*: FH, L. – Reprinted and to be cited from Ann. nat. Hist. 1(2): 81-101, *pl. 4-5*. 1838.

20.958. On *Agaricus crinitus*, Linn., and some allied species ... [Trans. Linn. Soc. ... 1846]. Qu.

Publ.: 29 Aug 1846 (fide S. Raphael, Biol. J. Linn. Soc. 2: 75. 1970, read 18 Feb 1845), p. [1]-4, *pl. 9* (copp. engr. Sowerby). *Copy*: L. – Reprinted and to be cited from Trans. Linn. Soc. London 20(1): 109-113, *pl. 9*. 1846.

20.959. *On a peculiar form of mildew in onions* ... London (printed by William Clowes and sons, ...). [1848]. Oct.

Publ.: 1848 (in journal), p. [1]-10. *Copy*: L. – Unidentified reprint of the publication in J. Hort. Soc. 3: 91-98. 1848.

20.960. *On some moulds* referred by authors to Fumago, and on certain allied or analogous forms ... [London (printed by William Clowes and sons ...)] [1849]. Oct.

Publ.: 1849, p. [1]-19 [20, impr.]. *Copy*: G. – Reprinted and to be cited from J. Hort. Soc. 4: 243-260. 1849.

20.961. Some *notes upon* the cryptogamic portion of the *plants collected in Portugal* 1842-50. By Dr. Fried. *Welwitsch*. The fungi by Rev. M.J. Berkeley ... London (William Pamplin, ...) 1853. Oct. (*Not. pl. Portugal Welw.*).
Publ.: 1853, p. [1]-12. *Copy*: FH.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 12: 95-98. 10 Feb 1854 (rev.).

20.962. *Exotic fungi* from the *Schweinitzian herbarium*, principally from Surinam ... Journ. Acad. Nat. Sci. ... 1853. Qu.
Publ.: Apr 1853 (in journal), p. [277]-294, *pl. 25* (uncol. lith. auct.). *Copy*: G. – Reprinted and to be cited from J. Acad. nat. Sci. 2: 277-294, *pl. 25*. 1853.

20.963. *On* some species of the genus *Agaricus from Ceylon* ... Extracted from the Transactions of the Linnean Society of London ... [1870]. Qu.
Co-author: Christopher Edmund Broome (1812-1886), see TL-2/1: 355.
Publ.: 9 Jul 1870 (fide S. Raphael, Biol. J. Linn. Soc. 2: 76. 1970, read 19 Nov 1868), p. [149]-152, *pl. 33-34* (col. liths. by E.M. Williams). *Copy*: L. – Reprinted and to be cited from Trans. Linn. Soc. London 27(2): 149-152, *pl. 33-34*. 1870.

20.964. *List of fungi from Brisbane*, Queensland; with descriptions of new species ... Extracted from the Transactions of the Linnean Society of London, ... 1879 [-1883]. Qu.
Co-author: Christopher Edmund Broome (1812-1886), see TL-2/1: 355.
Publ.: Jan 1879 (in journal), p. 399-408, *pl. 45-46* (uncol. liths. J.N. Fitch). *Copy*: L. – Reprinted and to be cited from Trans. Linn. Soc. London ser. 2, 1(6), Bot.: 399-408, *pl. 45-46*. 1879.
Part II: Mar 1883 (in journal; Hedwigia Jun 1883), cover-t.p., p. [53]-73, *pl. 10-15* (uncol. liths. by A. Hammond). *Copy*: L. – Issued as Trans. Linn. Soc. London ser. 2, 2(3), Bot.: 53-73, *pl. 10-15*. 1883 (issue has only this title, given on cover-t.p.).

Berkenkamp, W.A. (fl. 1816), German gardener at the Botanical Garden in Köln. (*Berkenkamp*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 171; BM 1: 144, 368 (sub Cologne); Jackson p. 425; PR 690, ed. 1: 776; Rehder 1: 45.

20.965. *Catalogus horti botanici coloniensis* ... Coloniae agrippinae [Köln] (Typis Th. Fr. Thiriart) 1816. Oct. (*Cat. hort. bot. Colon.*).
Publ.: Sep-Dec 1816 (preface p. [iii] dated Sep 1816), p. [i, iii], [1]-130, [1-10, index generum, 11-13 errata]. *Copy*: WU.
Note: The printer Thiriart had alread printed and published a *Catalogue des plantes et arbustes cultivés du jardin botanique de Cologne*, Cologne (typ. Thiriart) 43, 64, 21, 34 p., praef, ind. [fide PR 9216].

Berkovec [Berkovcová], **Anna** (fl. 1905), Czech botanist at the Insitute of plant physiology of the University of Praha. (*Berkovec*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Futak-Domin p. 102.

20.966. Über die *Regeneration bei* den *Lebermoosen* ... Bulletin international de l'Académie des Sciences de Bohême [Praha] ... 1905. Oct.
Publ.: 1905 (read 24 Feb 1905), p. [1]-19, *1 pl.* (uncol.). *Copies*: B, L. – Reprinted and to be cited from Bull. int. Acad. Sci. Bohême 1905: 1-19, *1 pl.*

***Berlese, Augusto Napoleone** (1864-1903), Italian mycologist and plant pathologist, studied at the Faculty of Sciences of the Atheneum of Padova 1882, Dr. phil. ib. 1885; assistant at the Botanical Institute, Padova, 1885; lecturer in mycology and phytopathology at the University of Padova 1889; teacher at the Liceo di Ascoli Piceno 1889-1899; id. at the school of viticulture and enology in Avellino 1891-1895; professor at the University of Camerino 1895-1899; id. at the R. Liceo Minghetti, Bologna 1898-1899; id. at the University of Sassari 1899-1901, id. at the Agricultural University of Milano 1901-1903. (*Berl.*).

HERBARIUM and TYPES: PAD, further material at B, MSC. – Exsiccatae: *Fungi lusitanici* (78 nos.), with P.A. Saccardo and C. Roumeguère, set at FH.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 237; Barnhart 1: 171; BM 1: 145, 448, 6: 83; Bossert p. 35; CSP 12: 74, 13: 477-478; De Toni 1: xii; DTS 1: 19, xviii; GR p. 513-514; IH 2: 70; Kew 1: 225; LS 2703-2793c, 23.422, 31.066-31.068; Morren ed. 10, p. 85; MW p. 42; NI no. 149; Rehder 5(index): 76; Saccardo 1: 27, 2: 18; TL-2/1: 197-198 and see indexes; Tucker 1: 77; Urban-Berl. p. 273.

BIOFILE: Ainsworth, G.C. and G.R. Bisby, Dict. fungi ed. 7: 51. 1983.
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Co-author: Piero Voglino (1864-1933), see TL-2/6: 772-773.
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Co-author: Casimir Roumeguère (1828-1892), see TL-2/4: 934-937.
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Berlese, Lorenzo Bernardo (Abate) (1784-1863), Italian clergyman and horticulturist, born in Campomolino, Treviso, Italy, received holy orders 1809 at the Seminary of Ceneda, in Paris from ca. 1810, at first private teacher later at the court of Louis-Philippe, later dedicating himself to horticulture, ultimately again in Campomolino. (*L. Berl.*).

HERBARIUM and TYPES: Unknown.

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Berlin, [Johan] August (1851-1910), Swedish physician and botanist, educated at Stockholms gymnasium o.i. Uppsala 1871, studied at Lund 1876, med. cand. Karolinska Inst. Stockholm 1876, med. lic. ib. 1883, Dr. med. Uppsala 1888, provincial physician Stockholm district from 1892. (*Berlin*).

HERBARIUM and TYPES: S. – Further material at B, GOET, GB, LY.

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Bermann, Peter (fl. 1905), Latvian teacher and botanist at Riga. (*Bermann*).

HERBARIUM and TYPES: Unknown.

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Co-author: Friedrich Ludwig (1851-1918), see TL-2/3: 184.
Publ.: 1905 (in journal; read before Naturf. Ver. Riga 22 Jun 1904), p. [203]-211. *Copy*: B. – Reprinted and to be cited from Korresp.-Bl. Naturf. Ver. Riga 48: 203-211. 1905 (not stated in reprint).

Bernard, Alfred Carl Isaac (1853-?), German (Berlin) botanist, educated at schools in Vevey (Switzerland) and Berlin, studied at the University of Berlin, Dr. phil. Halle-Wittenberg 1877. (*A. Bernard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 172 (b. 3 Oct 1853); Jackson p. 368; Kew 1: 226; Tucker 1: 77.

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***Bernard, Charles [Jean]** (1876-1967), Swiss botanist, studied biology at the University of Geneva, Dr. phil. 1903, employed at the herbaria at Geneva (1897-1902) and Berlin, custodian at the Leiden Rijksherbarium 1903-1904, chief of the Treub Laboratory at Buitenzorg (Bogor, Java) 1906, director of the Buitenzorg Tea Experiment Station 1907-1928, director of the Department of Agriculture of the Dutch East Indies 1928-1933; from 1933 in retirement in Switzerland 1933-1945; founder of IUCN 1948, ultimately in Amsterdam. (*C. Bernard*).

HERBARIUM and TYPES: BO (see SK 1: 52).

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Publ.: 1909 (ÖBZ Aug-Sep 1909), cover-t.p., p. [iii], [1]-94, *pl. 1-6* (uncol. on 3 folding sheets). *Copies*: G, L, U.

***Bernard, Georges [Eugène]** (1835-1925), French pharmacist and mycologist, employed as "pharmacien major" at the Military Hospital d'Aufrédi, collaborator of L. Quélet, president of the Société des Sciences naturelles de Charente-Inférieure 1899-1919. (*G. Bernard*).

HERBARIUM and TYPES: Unknown. – Manuscripts (incl. ca. 2000 original plates of fungi) at the Muséum d'Histoire naturelle et d'Ethnografie de la Rochelle.

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BIOFILE: Balland, A., Les pharmaciens militaires français 259. 1913.
Lamy, D., Bull. Soc. mycol. France 100(3): cli. 1984 (biogr. note).

21.002. *Champignons observés à la Rochelle* et dans les environs ... Paris (Germer Baillière & Cie, ...) 1882. Oct. (*Champ. Rochelle*).
Publ.: *Text*: Sep-Oct 1882 (Nat. Nov. Nov (2) 1882, Bot. Centralbl. 4-8 Dec 1882), p. [3]-300. *Copies*: L, NY, Stevenson.
Atlas: Sep-Oct 1882 (id.), p. [i], *pl. 1-56*, p. [1]-4. – Issued with coloured or uncoloured plates. *Copies*: L, NY, Stevenson.
[See TL-2/1: 199].

Bernard, Noël (1874-1911), French botanist, originally at Caen, from 1909 lecturer ("Maître de Conférences") at the Faculté des Sciences at Poitiers. (*N. Bernard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 103-104, 277, 324; Barnhart 1: 172 (b. 13 Apr 1874, Paris, d. 26 Jan 1911, Mauroc nr. Poitiers); Kew 1: 227; LS 2806-2813, 31.093-31.097; LS suppl. 2453.

BIOFILE: Anon., Hedwigia 48 Beibl. 4: 197. 1909 (appt. Poitiers); Bot. Centralbl. 110(3): 80. 1909 (appt. Poitiers), 116(5): 144. 1911 (prix Saintour), 116(7): 192. 1911 (d.); Bull. Soc. bot. France 58(2/3): 143. 1911 (brief note on works and life); ÖBZ 61: 118. 1911.
Arditti, J. ed., Orchid Biol. 1: 159, 171, 205, 288. 1977.
Blaringhem, L., Symbiose at parasitisme, Paris 1937, iv, 91 p. (major study of B's "oeuvre").
Constantin, J., Ann. Sci. nat., Bot. ser. 10. 16: lxx. 1934 (portr.).
Moreau, F., Bull. Soc. Bot. Deux-Sèvres 23: 99-104. 1912 (obit., works).

21.003. *La culture des Orchidées* dans ses rapports avec la symbiose. Conférence faite à Gand le 24 avril 1908 ... Gand [Gent] (Edmond Sacré, ...) [1908]. Oct. (*Cult. Orchid.*).
Publ.: 1908 (read 24 Apr 1908), cover-t.p., p. [1]-20, figs. 1, 2, 5 in text, nos. 3, 4 and 6 on unnumbered pages. *Copy*: L.

21.004. *L'évolution dans la symbiose*. Les orchidées et leurs champignons commensaux ... [Annales des Sciences naturelles ... 1909]. Oct.

Publ.: Jan-Mar 1909 (Nat. Nov. Apr (2) 1909), cover (identif.), p. [1]-196, *pl. i-iv* (uncol., author). *Copy*: L. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 9. 9: 1-196, *pl. i-iv*. 1909.
Ref.: Krause, K., Bot. Jahrb. 44(Lit.): 45-46. 1910 (rev.).

21.005. L'*évolution des plantes* ... Paris (Librairie Félix Alcan ...) 1916. Oct. (*Évol. pl.*).
Préface: Julien Noël Constantin (1857-1936), see TL-2/555-556.
Publ.: 1916, p. [i*-iii*], i-xxxii, 1-314, [315-316 (adv.)]. *Copy*: L.

Bernard, Pierre Frédéric (1749-1825), French botanist, sometime director of the gardens of the King of Württemberg, from 1813 active at Montbéliard. (*Bernard*).

HERBARIUM and TYPES: Had a large herbarium (location not known to us), see Malinvaud (1895).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 172 (d. 10 Mai 1825 at Montbéliard); BM 1: 150; IH 2: 70; Plesch 56; PR 695, ed. 1: 784; Rehder 1: 407.

BIOFILE: Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 407. 1877.
Malinvaud, E., Bull. Soc. bot. France 42(bibl.): 695-696. 1895.

21.006. De *la flore du Jura* et de l'ancienne Franche-Comté, des Vosges et de l'ancienne Alsace ... [Strasbourg (de l'imprimerie de F.G. Levrault) [1823]]. Oct. (*Fl. Jura*).
Publ.: 1823, p. [1]-10. *Copy*: G.

Bernátzsky, Jenö Emlékezette (1873-1945), Hungarian botanist, Dr. phil. 1899, at the Botanical Department of the Hungarian national Museum 1896, at the Hungarian vine experiment station from 1910. (*Bernátzky*).

HERBARIUM and TYPES: BP (2000, orig.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 172; BJI 2: 12; Futak-Domin p. 103; IH 2: 70; LS 2815-2816, 31.098-31.099; LS suppl. 2457-2485; TL-2/5: 344.

BIOFILE: Anon., Hedwigia 50 Beibl. 2: (89). 1910 (appt. at the vine exp. station).
Boros, A., Bibl.bryol. hung., Fontes fl. hung. 2: 17. 1944.
Jávorka, S., Bot. Közlem. 47(1-2): 1-3. 1957 (obit., portr., Hungarian).

21.007. A *Crocus reticulatus* Stev. mint. növényegyesület tagja ... Budapest (A Pesti Lloyd-Társulat Könyvsajtoja) 1898. Oct.
Publ.: 1898, cover-t.p., p. [165]-175. *Copy*: B. – Reprinted and to be cited from Különlenyomat Termész. Közl. 48: 165-175. 1898.

21.008. Adatok az endotroph mykorhizák ismeretéhez ... *Beiträge zur Kenntniss der endotrophen mykorhizen* ... Természetrajzi Füzetek ... 1899. (*Beitr. Endotroph. Mykorhiz.*).
Publ.: 15 Jan 1899 (date of publ. of preprint), p. [88]-110, *pl. 6-7* (col. liths.). *Copy*: B. – Preprinted from Természetrajzi Füzetek 22: 88-110. 1899.

21.009. *Absidia septata* Van Tiegh. ... Természetrajzi Füzetek ... 1900. Oct. (*Absidia septata*).
Publ.: 1 Aug 1900 (date of preprint on p. 413), p. [405]-413, *pl. 13* (uncol.). *Copy*: B. – Preprinted from Természetrajzi Füzetek 23: 405-413, *pl. 13*. 1900.

21.010. A harasztok és mohok az alföldön meg az alföldszéli hegyeken ... Die *Farne und Moose im Ungarischen Tieflande* und den angrenzenden Bergen ... Természetrajzi Füzetek ... 1902. Oct. (*Farne Moose Ungar. Tiefl.*).
Publ.: 1 Dec 1901 (date of preprint on p. 19), p. [7]-19. *Copy*: B. – Preprinted from Természetrajzi Füzetek 25: 7-19. 1902.

21.011. Das *Ruscus-Phyllocladium* ... Botanische Jahrbücher ... [Leipzig ... 1904]. Oct.
Publ.: 17 Jun 1904 (in journal), cover-t.p., p. [161]-177. *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 34(2): 161-177. 1904.

21.012. A magyar alföld síklakó növényzetéröl ... Über die *Halophytenvegetation des Sodabodens im Ungarischen Tieflande* ... Annales Musei nationalis hungarici ... 1905. Oct.
Publ.: 1905, cover-t.p., p. [121]-214, *pl. 5. Copy*: L. – Reprinted and to be cited from Anal. Mus. natl. Hung. 3: 121-214, *pl. 5*. 1905.

21.013. Egy ritka Euphorbia-fajunkról. *Über eine seltene* ungarische *Euphorbia-Art* ... Budapest (Hornyánsky Viktor es. ...) 1908. Oct.
Publ.: 1908, cover-t.p., p. [1]-8. *Copy*: B. – Reprinted and to be cited from Beibl. Növén. Közlem. 7(3): 116-121. 1908.

21.014. Über *Iris spuria* L., I. spathulata Lam. und I. subbarbata Joó ... Separatabdruck aus der Österreichischen botanischen Zeitschrift ... 1910. Oct.
Co-author: Erwin Janchen (1882-1970), see TL-2/2: 422-423.
Publ.: Sep 1910, p. [1]-8. *Copies*: B, G. – Reprinted and to be cited from ÖBZ 59(9): 335-343. 1910.

Berner, L. (fl. 1931), French phycologist at Marseille, prix Joseph Laurent 1903-1926 awarded 1930 by the Académie de Marseille. (*Berner*).

HERBARIUM and TYPES: Unknown.

21.015. Contribution à l'étude sociologique des *Algues marines dans le Golfe de Marseille* ... Marseille (Imprimerie municipale) 1931. Oct. (*Alg. Golfe Marseille*).
Publ.: 1931, p. [1, cover identif.]-84, *pl. 1-5* (uncol. phot.). *Copy*: L. – Issued as Mémoire I, Ann. Musée Hist. nat. Marseille vol. 24. 1931.

***Bernet, Henri** (1850-1904), Swiss (Graubünden/Grisons) botanist and physician, educated in Genève, studied medicine at the University of Jena 1872-1876, also working in the laboratory of Strasburger, Dr. med. Jena 1876, practicing in Genève, specialized in respiratory illnesses, botanically mainly interested in Hepatics, died at Lausanne. (*Bernet*).

HERBARIUM and TYPES: G (orig. herb.), other material at DBN, GOET, PC, PENN, PH and SAM. – The herbarium of Martin Bernet (1815-1887, father of Henri) was included in H. Bernet's herbarium.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 361, 12(3): 123; Barnhart 1: 173 (b. 16 Apr 1850, Schiers, Graubünden, d. 27 Jun 1904, Lausanne); BJI 1: 5; BM 1: 151; CSP 13: 482; IH 2: 70; Kew 1: 229; Saccardo 1: 28; SBC p. 115; TL-2/1: 199.

BIOFILE: Anon., J. de Genève 29 Jun 1904 (obit. note).
Barbey, W., Bull. Herb. Boissier ser. 2. 4(8): [840]. 1904 (obit. note, d. 27 Jun 1904).
Beauverd, G., Bull. Herb. Boissier ser. 2, 5(2): 200. 1905 (on his herbarium).
Briquet, J., Ber. Schweiz. bot. Ges. 50a: 39-41. 1940 (biogr. sketch, sources, lists 4 publ., b. 15 Apr 1850 at Schiers, Graubünden, d. 27 Jun 1904 in Lausanne).
Colomb-Duplan, G., Bull. Murith. 1900: 117 (on his work on Hepat.).
Guinet, A., Rev. bryol. 31: 97-98. 1904 (obit.).
Trochain, J.-L., Bull. Soc. Hist. Nat. Toulouse 102: 415. 1966.
Wagenitz, G., Index coll. princ. herb. Gotting. 22. 1982.

NOTE: Additions on TL-2/477, *Cat. hép. Suisse* 1888: *Date of publication*: Jun-Jul 1888 (Bot. Centralbl. 30 Jul-10 Aug 1888, Nat. Nov. Aug (2) 1888); *Copies* seen: B, G(2), L, MO; *Reviews*: A. Engler, Bot. Jahrb. 11(Lit.): 35. 18 Jun 1889; Anon., Hedwigia 28(1): 85-86. Jan-Feb 1889; Warnstorf, C., Bot. Centralbl. 325-326. 1888; T.H., Rev. Bryol. 15(5): 72. 1888.

***Bernhardi, Johann Jakob** (1774-1850), German botanist, born and died in Erfurt, studied at the University of Erfurt, privat dozent ib. 1800, ectraordinary professor 1805, regular professor 1809, also director of the Botanical Garden of Erfurt from 1799-1850, lectured on botany, zoology, mineralogy and materia medica at the medical faculty 1800-1850, editor of the Allgemeines teutsches Garten-Magazin. (*Bernh.*).

HERBARIUM and TYPES: MO (62.000). MO also holds part of the herbarium of a nephew of J.J. Bernhardi: Theodor Bernhardi (1810-1889). Further material at B, JE, PH, US.

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 461, 5(1): 250-251; Barnhart 1: 173; BM 1: 151; CSP 1: 303-305, 6: 584, 7: 147, 12: 75; DTS 1: 19-20; Frank 3(Anh.): 10; GR p. 6; GR, cat. p. 60; Hortus 3: 1188; IF p. 681; IH 2: 70; Jackson p. 426; Kanitz no. 97; Kew 1: 229; Langman p. 133; LS 2818-2819; Moebius p. 447 (index); MW p. 42; PR 697-704, ed. 1: 787-794; Rehder 5(index): 78; RS p. 74; SBC p. 116; TL-2/1: 199-200 and see indexes; Zander ed. 10, p. 634-635, ed. 11, p. 721.

BIOFILE: Anon., Bot. Zeit. 8: 846-847. 1850 (d.), 10: 943. 1852 (herb. for sale), 11: 318. 1853 (id.); ÖBW 1: 392. 1851 (herb. for sale); Bonplandia 2: 265. 1854 (member Leopoldina 1 Mai 1820, Cognomen Trew).
D'Arcy, W.G., Bull. Missouri bot. Gard. 69(1): 20-25. 1971 (herb.).
Breure, A.S.H. and J.G. de Bruijn, eds., Leven en Werken van J.G.S. van Breda 65. 1979.
Ewan, J, et al., Short hist. bot. U.S. 44, 98. 1969.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 408. 1877 (detailed list of publications).
Fürnrohr, H., Flora 33(2): 736. 1850 (obit. note).
Högrell, B., Bot. Hist. 1: 233. 1886.
Ilg, W., Hoppea 42: 39, 84, 136, 216. 1984.
Lack, H.W. and O. v. Sydow, Willdenowia 13: 413. 1983 (letters at UPS-UB).
Lindemann, E. von, Bull. Soc. Imp. Natural. Moscou 59(1): 276-277. 1884.
Müller, R.H.W. and R. Zaunick, Friedr. Traug. Kützing 275. 1960 (curr. vitae).
Schlechtendal, D.F.L. von, Bot. Zeit. 8: 846-847. 1850 (obit.), 10: 941. 1862 (sale of herb. on 18 Oct 1862).

COMPOSITE WORKS: *Namensverzeichniss der i. d. Gegend von Erfurt wild wachsenden ... Gewächse*, [by Bernhardi], *in* Wilhelm Horn, *Zur Charakterisierung der Stadt Erfurt*, Erfurt 1843; see review D.F.L. von Schlechtendal, Bot. Zeit. 1: 403. 9 Jun 1843.

21.016. Ueber *Asplenium* und einige ihm verwandte Gattungen der Farrenkräuter ... Erfurt (bey Beyer und Maring) 1882. Oct. (*Asplenium*).
Publ.: 1802, p. [1]-18, *1 pl.* (uncol. copp.). *Copies*: MO, NY, WU.
Note (1): See also his *Tentamen alterum filices* in genera redigendi, *in* Schrader, H.A., J. Bot. 2: 121-136, *pl. 1-2*. 1801.
Note (2): Also published in C.L. Willdenow, *Bot. Abh. Farrenkr.* 1802, see TL-2/17.659.

21.017. Dr. J.F. Bernhardi's [sic, recte J.J. Bernhardi's] *Anleitung zur Kenntniss der Pflanzen* zum Gebrauch bei Vorlesungen. Erster Theil ... Erfurt (in der Hennings'schen Buchhandlung) 1803. Oct. (*Anleit. Kenntn. Pfl.*).
Publ.: 1803, p. [i-v], [1]-346, fold-out chart, 347-394, *pl. 1-5*. *Copy*: MO. – Issued as Dr. J.F. [sic] Bernhardi's *Handbuch der Botanik*. Ersten Theils. Erster Band. – Erfurt (id.) 1803 (all published).

21.018. Beobachtungen über *Pflanzengefässe* und eine neue Art derselben ... Erfurt (in der Hennings'schen Buchhandlung) 1805. Oct. (*Pflanzengefässe*).
Publ.: 1805, p. [i]-vi, [1]-82, *pl. 1-2* (uncol. copp. auct.). *Copies*: L, MO.

21.019. Ueber einige minder bekannte *Ehrenpreissarten des südlichen Deutschlands* ... Erfurt (bey Beyer und Maring) 1806. Oct. (*Ehrenpreissart. südl. Deutschl.*).
Publ.: 1806, p. [1]-43, *1 pl. Copy*: BM. – Issued as Nova Acta Kön. Akad. Gemeinnütz. Wiss. 4, 1806. – Information from photostat copy at MO.

21.020. Ueber den *Begriff der Pflanzenart* und seine Anwendung ... Erfurt (Friedrich Wilhelm Otto) 1834. Qu. (*Begriff Pfl.-Art*).
Publ.: 1834, p. [i]-viii, [1]-68, [69]. *Copies*: L, WU.

Bernimolin, Henri (fl. 1883), Belgian engineer and botanist, director of the technical school at Tournay. (*Bernimolin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 172; BL 2: 38; BM 1: 152; Kew 1: 230.

21.021. *Catalogue des plantes* spontanées & cultivées *du Tournaisis*, avec indication des localités où on les rencontre ... Tournai (Vasseur-Delmée ...) 1883. Oct. (in half sheets). (*Cat. pl. Tournais.*).
Publ.: Mai-Jun 1883 (Nat. Nov. Jul (1) 1883, Bot. Centralbl. 23-27 Jul 1883, Bot. Zeit. 31 Aug 1883), p. [i]-vi, [vii-viii], 1-133, [134, adv.]. *Copy*: BR.

***Bernoulli, Karl** [Carl] **Gustav** (1834-1878), Swiss (Basel-born) physician and naturalist, studied medicine at the University of Basel 1852, id. at Würzburg, Berlin and Paris, practicing in Basel until 1858; moved to Central America at the instigation of Alexander von Humboldt, settled in Guatemala 1858 as physician and coffee planter, explored Guatemala, died on his way back to Switzerland in San Francisco. (*Bernoulli*).

HERBARIUM and TYPES: BAS and K; further material in B, BR, BOLU, FI, G, GOET, LE, S, STR, U, W.

BIBLIOGRAPHY and BIOGRAPHY: ADB 46: 432-433; Barnhart 1: 173 (b. 24 Jan 1834, d. 28 Mai 1878); BM 1: 152; CSP 9: 205; DTS 1: 20; IH 2: 71; Kew 1: 230; PR 706-707; Rehder 5(index): 78; TL-2/1: 200 and see indexes; Tucker 1: 78; Urban-Berl. 294, 329.

BIOFILE: Binz, A., Verh. naturf. Ges. Basel 19(3): 141, 152-153. 1908 (crypt. at BAS, on herb. at BAS, contains Basel as well as Guatemalan specimens).
Candolle, Alph. de, Phytographie 396. 1880.
Embacher, F., Lexikon Reisen 37. 1882.
Hemsley, W.B., Biol. Centr. Amer. 4: 137. 1887.
Hoff, M. and S.R. Gradstein, Taxon 40(1): 91. 1991 (on herb. at Strasbourg).
Meyer-Holdampf, V., Verh. naturf. Ges. Basel 95: 17-96. 1985 (biogr., important source).
Mueller, F., Verh. naturf. ges. Basel 6: 710-737. 1879 (major biogr., list bot. publ.).
Wagenitz, G., Index coll. princ. herb. Gotting. 22. 1982 (lists publ. on B's plants by Wittmack, Müller-Hal. and Schlechter).

21.022. *Uebersicht* der bis jetzt bekannten Arten von *Theobroma* ... Zürich (Druck von Zürcher und Furrer) 1869. Qu. (*Uebersicht Theobroma*).
Publ.: 1869, cover-t.p., p. [1]-15, *pl. 1-7* (uncol. liths.). *Copies*: B, G(2). – Issued in Denkschr. allg. Schweiz. naturf. Ges. 24(3). 1869.
Ref.: R., Bot. Zeit. 29(3): 46. 20 Jan 1871 (rev.).

***Bernstein, Heinrich Agathon** (1828-1865), German (Schlesien, Breslau) physician and naturalist, went to Java 1854, first physician of the Health Establishment at Gadok near Bogor (Buitenzorg), from 1860 bringing together zoological collections for the Museum of Natural History at Leiden, Netherlands. (*Bernstein*).

HERBARIUM and TYPES: WRSL, for collecting localities see SK 1: 52-53. 1950.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 174; BM 1: 152; CSP 1: 306, 6: 584, 7: 147-148, 9: 205; IH 2: 71; JW 5: 234; LS 2823; PR p. 25; SK 1: 52-53 (q.v. for further references); TL-2/1: 200-201.

BIOFILE: Anon., Bot. Zeit. 23: 326-327. 27 Oct 1865 (d.); Flora 48: 573. 29 Nov 1865 (d.).
Embacher, F., Lexikon Reisen 37. 1882.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 408. 1877.
Meinecke, E.C., Peterm. Geogr. Mitt. 19: 206-216. 1873 (on trip to Moluccas).
Musschenbroek, S.C.J.W. van, Dagboek van Dr. H.A. Bernstein's laatste reis van Ternate naar Nieuw Guinea, Sala Wati en Batanta 1864-1865, 's Gravenshage 1883, Bijdr. Taal-, Land- en Volkenk. N.I. ser. 4. vol. 7.
Sirks, M.J., Indisch Natuuronderzoek 165. 1915.
Veth, H.J., Overzicht van hetgeen ... gedaan is voor de kennis der fauna van Ned. Indië, Leiden 1879, p. 150-155.

21.023. *Microstoma hiemale*, eine neue Pilzgattung aus der Gruppe der Pezizoideen, ... [Nova Acta Leopoldina 1854]. Qu.
Publ.: Nov-Dec 1854 (in journal; Flora 21 Dec 1854, sic, has a notice of the publication of a separate issue reprinted from the Nova Acta), p. [647]-658, *pl. 61*. *Copies*: G, NY. – Reprinted and to be cited from Nova Acta Leop. 23(2): 647-658, *pl. 61*. 1852. (Amended text for TL-2/481). – See ING 2: 1092. 1979.

Bernstein, Marie (fl. 1928), Latvian (?) botanist. (*M. Bernstein*).

HERBARIUM and TYPES: Unknown.

21.024. *Versuche über die Lebensdauer der Moossporen* ... Acta Horti Botanici Universitatis Latviensis ... 1928. Oct.
Publ.: 1928, p. [34]-38. *Copy*: B. – Reprinted and to be cited from Acta Horti Bot. Latv. 3: 34-38. 1928.

Berridge, Emily Mary (1872-1947), British botanist, studied at Bedford College 1891-1894, at the Royal Holloway College 1894-1898, B.Sc. London 1898, teacher in York 1898-1900, with the University of London 1906, at the Imperial College of Science 1910, D. Sc. London 1914, bacteriologist with the Thompson Yates Laboratory, University of Liverpool 1916, from then on continuing her bacteriological research. (*Berridge*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 174; Desmond p. 61 (b. 20 Feb 1872, d. 8 Oct 1947); Kew 1: 230; LS suppl. 2506; Stevenson p. 1236.

BIOFILE: Blackwell, E.M., Nature 161: 87. 17 Jan 1948 (obit.); Proc. Linn. Soc. London 160: 68-70. 1948 (obit., b. 20 Feb 1872, d. 8 Oct 1947).

21.025. *Oogenesis and embryogeny in Ephedra distachya* ... Reprinted from The New Phytologist ... 1907. Oct.
Publ.: Mai-Jul 1907 (in journal), cover-t.p., *pl. 2-3*, p. 127-134, [167]-173. *Copy*: L. – Reprinted and to be cited from New Phytologist 6(5): 127-134. Mai, 167-173, *pl. 2-3*. [Jun-] Jul 1907.

21.026. *On some points of resemblance between Gnetalean and Bennettitean seeds* ... Reprinted from The New Phytologist ... 1911. Oct.
Publ.: Apr 1911, cover-t.p., p. [i, t.p.], [140]-144. *Copy*: L. – Reprinted and to be cited from New Phytologist 10(4): 140-144. 1911.

Berro, Mariano B. (x-1922), Uruguayan botanist at Montevideo, collector of Uruguayan phanerogams. (*Berro*).

HERBARIUM and TYPES: MVFA (10.000, orig. herb.), further material at C, G, K, MVM, P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 174; BL 1: 259; IH 2: 71; LS 2825; Tucker 1: 79.

BIOFILE: Anon., Bot. Not. 1922: 287 (d.).
Arechavaleta, J., Fl. Urugaya 2: xliii. 1903 ("naturalista aficionado de buena ley ...").
Dörfler, I., Botaniker-Adressbuch ed. 3. 395. 1909.

21.027. La *vegetacion uruguaya*, plantas que se hacen distinguir por alguna propiedad útil ó perjudícial ... [Montevideo 1899]. Oct.
Publ.: 1899, published in Anales Mus. Nac. Montevideo 2: 91-196. 1899, fide BL 1: 259. *Copy*: HH.
Ref.: Flahault, Ch., Bull. Soc. bot. France 46(bibl.): 477-478. 1899 (publ. early 1900).

21.028. Las *Gramineas de Vera*. La enumeración, classificación y utilización forrajera ... Montevideo (Imprenta Artística, de Dormaleche y Reyes ...) 1906. Oct. (*Gram. Vera*).
Publ.: Jul-Dec 1906 (p. 5, date of text 27 Jun 1906, Bull. Soc. bot. France 24 Jun 1907), p. [1]-120. *Copy*: L.
Ref.: Reynier, A., Bull. Soc. bot. France 54(2): 296-298. 1907.

Berry, Edward Cain (1898-x), American lichenologist, studied at State Teachers College, Missouri, B.S. 1925, A.M. 1936, Ph.D. Washington Univ. St. Louis 1941; highschool teacher 1924-1930, instructor in biology State Teachers College at Warrensburg 1930-1937, assistant in botany at Washington University, St. Louis 1938-1939, curator at the Missouri Botanical Garden 1939-1944, chief bacteriologist Du Pont de Nemours & Co. 1944-1946, bacteriologist and radiobiologist at the Atomic Energy Commission at Hanford Works 1946-1950, from 1950 professor of bacteriology South Dakota State University. (*E.C. Berry*).

HERBARIUM and TYPES: SDC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 174; GR p. 183 (main source); SBC p. 116.

BIOFILE: Anon., Missouri Bot. Gard. Bull. 27(1): 32. Jan 1939.

21.029. A *preliminary list* of the *lichens of Central Missouri*, with ecological notes ... Annals Missouri Botanical Garden ... 1937. Oct.
Publ.: 30 Apr 1937 (in journal), p. 211-224. *Copy*: L. – Reprinted and to be cited from Ann. Missouri Bot. Gard. 24(2): 211-224. 1937.

Berry, Edward Wilber (1875-1945), American palaeobotanist, born in Newark, New Jersey, at Johns Hopkins University 1905-1945, at first as student 1905-1906, assistant for palaeontology 1906-1908, instructor 1908-1910, associate 1910-1913, associate professor 1913-1917, professor from 1917, dean 1929, provost 1935. (*E.W. Berry*).

HERBARIUM and TYPES: Palaeontological material at NY and US. – Some archival material at NY.

NOTE: Not to be confused with his Son Edward Willard Berry [Jr.], b. 24 Nov 1900.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 237-238; Barnhart 1: 174 (b. 10 Feb 1875, d. 20 Sep 1945); BJI 2: 12-13; BM 6: 86; Bossert p. 36; IH 2: 71; Kew 1: 230-231; KR p. 80; Langman p. 134; Lenley p. 29; LS suppl. 2509; Stevenson p. 1236; Tucker 1 : 79.

BIOFILE: Anon., J. New York bot. Gard. 9: 219. 1908 (350 palaeontol. spec. to NY.), 13: 16. 1912 (publ. *Fl. Raritan Form.*); Bot. Centralbl. 135(8): 128. 1917 (appt. prof. palaeont. Johns Hopkins).
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Publ.: 1939, cover-t.p., p. [3]-168, *pl. 1-21*, 1 map. *Copy*: U. – Issued as Johns Hopkins Univ. Stud. Geol. 13. 1939. – Six papers, of which five by Berry.

***Bertero, Carlo Giuseppe** (1789-1831), Italian physician and botanist, studied philosophy in Alba (Piemont), medicine and biology at the University of Torino, Dr. med. 1811, physician in the Napoleonic army in Italy 1811-1814, became maritime physician in the West Indies (Guadeloupe 1816-1818, St. Thomas 1818, Portorico 1818-1819, Santo Domingo 1819-1820, New Granada 1820-1821); returned to Europe via Jamaica in 1821, actively botanizing

in Italy 1821-1827, went to Chile 1827 as practicing physician, also botanizing in Chile, Juan Fernandez and Tahiti, died by shipwreck on the journey back to Valparaiso. (*Bertero*).

HERBARIUM and TYPES: See TL-2/1: 201 and IH 2: 71. – Herbarium material in AWM, B, BM, BO, BOLO, CGE, CN, E, F, FI, G, G-DC, GOET, HAL, HH, K, KIEL, L, LE, M, MEDEL, MO, MPU, NCY, OXF, P, PC, PH, S, SGO, TCD, TO (orig. herb.), WB, WRSL.

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Berthault, Pierre (fl. 1911), French agricultural engineer, sometime connected with the botanical laboratory of the École nationale d'Agriculture at Grignon, Dr. sci. nat. Paris 1911. (*P. Berthault*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 175; BM 6: 86; Kew 1: 232; LS suppl. 2515-2517, 8615, 16.053.

21.079. Série A, no. 666. No. d'ordre: 1414. Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès sciences naturelles ... Première thèse: *Recherches botaniques sur* les variétés cultivées du *Solanum tuberosum* et les espèces sauvages de Solanum tubérifères voisins. Deuxième thèse: Propositions données par la Faculté soutenues le 21 juin 1911 devant la commission d'examen ... Nancy (Imprimerie Berger-Levrault ...) 1911. Oct. (*Rech. bot. Solanum tub.*).
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***Berthelot, Sabin** (1794-1880), French zoologist and botanist, at first serving in the French navy, from 1820 director of the botanical garden La Orotava on Tenerife, from 1847 (1867?) french consul on Tenerife, collaborator of P.B. Webb with the *Histoire naturelle des Canaries* (*Berthel.*).

HERBARIUM and TYPES: B, FI, GOET, L, LY, P.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 3, 496; Barnhart 1: 175; BL 1: 87; BM 1: 153; Bossert p. 36; CSP 1: 314, 7: 159, 9: 221, 12: 76; GF p. 50; Hortus 3: 1188; IF p. 737; IH 2: 71; Jackson p. 352, 500; Kew 1: 232; LS 28.412; PR 715, ed. 1: 804-805; Rehder 5(index): 79; TL-2/1: 202 and see indexes; Tucker 79, 766; Urban-Berl. p. 329; Zander ed. 10, p. 635, ed. 11, p. 721.

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COMPOSITE WORKS: Co-author with P.B. Webb, *Hist. nat. Iles Canaries*, see TL-2/16.863.

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21.081. *Coup d'Oeil sur les forêts canariennes*, sur leurs changemens et leurs alternances, Paris (Béthune, éditeur, ...) 1836. Qu. (*Coup d'Oeil forêts canar.*).
Publ.: 1836, p. [1]-75, *pl. 1-7* (uncol. liths. landscapes). *Copies*: G, L.

Berthold, Carl [1] (1834?-1884), German botanist and highschool teacher at Brilon (Arnsberg, Preussen). (*C. Berthold I*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 153; PR 716-717.

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Completed text: Jun-Sep 1865 (Flora 48: 495. 21 Oct 1865), p. [1]-36, *pl. 1-2* (uncol. copper engr.). *Copies*: G, MO, NY. – "Die Gefäss-Cryptogamen Westfalens von C. Berthold, Gymnasial-Lehrer zu Brilon. Brilon (Verlag von M. Friedländer) 1865". Oct.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 23: 346-347. 17 Nov 1865 (rev.).

Berthold, Carl [II] (1851-?), German (Silezian, Breslau-born) botanist, educated in Breslau at the "Realschule zum Heiligen Geist", studied at the University of Breslau 1871-1875, student of e.g. Cohn and Goeppert. (*C. Berthold II*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 175; Jackson p. 86, 491; Tucker 1: 79.

21.083. *Beitrag zur vergleichenden Anatomie der Coniferen-Blätter*. Inaugural-Dissertation welche mit Genehmigung der philosophischen Fakultät hiesiger Universität zur Erlangung der philosophischen Doctorwürde Sonnabend, den 15 Mai 1875, Vormittags 12 Uhr in der grossen Aula ... öffentlich vertheidigen wird ... Breslau (Druck von A. Neumann) [1875]. Oct. (*Beitr. vergl. Anat. Conif.-Bl.*).
Publ.: 15 Mai 1875 (date of defense thesis), p. [i-iv], [1]-30, [31, vita; 32 Thesen]. *Copy*: GOET.

***Berthold, Gottfried Dietrich Wilhelm** (1854-1937), German (Westfalen) botanist, educated at Dortmund (Rektoratsschule), studied at Würzburg 1874-1877, and Göttingen 1877-1878, Dr. phil. ib. 1878, assistant at the institute for plant physiology ib. 1878-1879, assistant at the Zoological Station at Napoli 1879-1881, habil. Göttingen 1881, worked with Morren in Liège 1883-1884, again at Napoli 1884-1886, extraordinary professor at Göttingen (1884-)1885-1887, from 1887-1923 regular professor ib. and director of the institute for plant physiology, in retirement from 1923. (*Berthold*).

HERBARIUM and TYPES: GOET and KIEL, further material at BRNU, L.

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Publ.: 1878 (read 5 Feb 1878; Bot. Zeit. 21 Feb 1879), p. [1]-64, *pl. 15-18*. *Copies*: L, U. – Issued as Nova Acta Leopoldina 40(5): 167-230, *pl. 15-18* (p.p. col. liths.). – Küster no. 1.
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Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Facultät der Georg-August's-Universität zu Göttingen ... [1878].
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Berthoumieu, G. Victor (1840-1916), French clergyman and botanist. (*Berthoum.*).

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BIOFILE: Dusmet y Alonso, J.M., Bol. Soc. entom. España 2(7-8): 176. 1919.
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Co-author: Robert Du Buysson.
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***Bertoloni, Antonio** (1775-1869), Italian botanist, born at Sarzana, studied at the University of Pavia 1792 with e.g. Scopoli, id. at Genua, Dr. med. Genua 1796, practicing physician at Sarzana, 1796-1811, professor at the Lyceum of Genua 1811-1815, professor of botany from 1815 and director of the botanical garden of Bologna from 1817-1869. (*Bertol.*).

HERBARIUM and TYPES: BOLO (some parts destroyed, for present situation see Cristofolini et al. 1987); the herbarium contains also material from B's son Giuseppe Bertoloni (1804-1878). – Further material in B, BASSA, BM, FI-W, K, KIEL, LZ, M, P, PAV. – Bertoloni herbarium at BOLO available on IDC microfiche 748/2.

NOTE: Antonio Bertoloni, born 1843, is the son of Giuseppe Bertoloni and the grandson of Antonio Bertoloni (1775-1869).

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Bertoloni, Antonio Jr. (1843-?), Italian botanist, grandson of Antonio Bertoloni (1775-1869). (*A. Bertol., Jr.*).

HERBARIUM and TYPES: Unknown.

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Bertoloni, Giuseppe (1804-1878), Italian botanist and entomologist, son of Antonio Bertoloni, professor of botany and 1869-1878 also director of the botanical garden of the University of Bologna. (*G. Bertol.*).

HERBARIUM and TYPES: BOLO, further material at FI, P.

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21.114. *Della sostanza albuminoide* che si riscontra in alcune delle acque solforose della Porretta ... Bologna (Tipi Gamberini e Parmeggiani) 1867. Qu.
Publ.: 1867, p. [1]-7, *1 pl. Copy*: G. - Reprinted and to be cited from Mem. Reale Accad. Sci. Ist. Bologna ser. 2. 7: 101-105. 1867.

21.115. Di un *fungo parassito* novello e raro sviluppatosi sopra la larva di una cicale memoria ... Bologna (Tipi Gamberini e Parmeggiani) 1875. Qu.
Publ.: 1875 (read 18 Feb 1875; Bot. Zeit. 10 Dec 1875), p. [1]-11, *1 pl. Copy*: G. - Reprinted and to be cited from Mem. Reale Accad. Sci. Ist. Bologna ser. 3. 5: 567-575. 1875.

21.116. *Di una crittogama* causa di morte delle piante nel Bolognese ... Bologna (Società Tipografica dei Compositori) 1878. Oct.
Publ.: 1878, p. [1]-64. *Copy*: G. - Reprinted from Giorn. Agric. Industr. Comm. Regno Italia 4, 1877 (n.v.).

Bertoni, Moisés Santiago (1857-1929), Swiss botanist and publisher, studied at the University of Genève 1875-1876, id. at the University of Zürich 1876-1877, in the Swiss army 1877-1878, continued his studies at Genève 1878-1881, publisher of the Rivista Scientifica Svizzera 1882-1884, emigrated to Argentina 1884, had a "colonia" at Santa Ana 1884-1887, moved to Paraguay 1887, Yaguarazapá on the Rio Paraná as colonizer 1887-1894, idem at the "Colonia Guillermo Tell" (Puerto Bertoni) 1894-1896, founder and director of the Escuela nacional de Agricultura at Ascunción 1896-1906, retired to Puerto Bertoni 1907. (*Bertoni*).

HERBARIUM and TYPES: SCP, that is Herbarium with *Sociedad Cientifica del Paraguay*, Asunción, 5000-6000 specimens, essentially from the Eastern part of Paraguay (Dép. Amambay, Itapua) and Argentina (Dep. Misiones), further material in MO and SI as well as various other Argentine herbaria (inf. M. Lorenzo Ramella, Ascunsión and Genève, and Mme. Fatima Mereles, Ascunción).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 176 (b. 1857, d. 19 Sep 1929); BL 1: 252; IH 2: 72; Kew 1: 234; LS 31.116; Rehder 3: 65; Saccardo 2: 18-19; TL-2/see indexes; Zander ed. 10, p. 635, ed. 11, p. 721.

BIOFILE: Anon., Physis 4: 139-144. 15 Mai 1918 (bibl.), 10: 334-335. 30 Jan 1931 (obit.).
Bernardi, L., Musées de Genève 201: 19-22. 1980 (portr., brief biogr.; comparison with Henri Pittier).
Dörfler, I., Bot. Adressb. ed. 3. 393. 1909.
Ramella, L. and Y. Ramella-Miquel, Bibliografiá de Moisés Santiago Bertoni, *in* R. Spichiger and G. Bocquet, eds., Fl. Paraguay ser. esp. no. 2. 1985 (detailed biogr. data, bibl., main source).

NOTE: In view of the detailed bibliography by L. Ramella and Y. Ramella-Miquel, we have given only an arbitrary choise from Bertoni's rich output.

21.117. *Le Kaá Hê-é.* Sa nature et ses propriétés ... Anales cientificos Paraguayos ... 1905. Oct. (*Kaá Hê-é*).
Publ.: Dec 1905, p. [1]-14. *Copy*: G. - Issued as Anal. Ci. Parag. ser. 1. 5. 1905. - Ramella no. 302.

21.118. *Plantas usuales del Paraguay* alto Paraná y Misiones. Nomenclatura, caracteres, propriedades y aplicaciones según los estudios del autor, ó datos de personas fidedignas ó el uso que de ellas hacen los indios. Incluyendo un estudio físico é industrial de las maderas ... Asunción (Talleres nacionalesa de H. Rkaus [possibly Kraus]) 1901 [i.e. 1907, sic] Oct. (*Pl. usual. Paraguay*).
Publ.: 1907 (date on t.p. and cover 1901, however, should be 1907, fide L. Ramella no. 312), cover-t.p., p. [1]-122. *Copy*: G. - Issued as Anal. Ci. Parag. ser. 1. 2(1). 1907 ["1901"]. - Ramella no. 312.

21.119. *Resúmen de geografía botánica del Paraguay* ... Anales científicos Paraguayos ... Asunción 1907. Oct. (*Res. geogr. bot. Parag.*).
Publ.: 1907, p. [123, t.p. of article as well as of second part of journal]-190. *Copy*: G. - Issued as Anal. Ci. Parag. ser. 1. 2(2). 1907. - Ramella no. 313.

21.120. *Contribuciones preliminares* al estudio sistemático, biológico y economico *de las plantas del Paraguay ... Praemonitum* ... Anales científicos Paraguayos ... 1910. Oct. (*Contr. prel. pl. Parag., Praemon.*).
Publ.: Aug 1910 (date on t.p.), p. [1]-17. *Copies*: G, U. - Issued as Anal. Ci. Parag. ser. 1. 8. 1910. - Ramella no. 327. – The Utrecht copy incorporates also Ramella no. 328: *Notas bibliográficas* on a publication by H. von Ihering dedicated to Joao Barboza [sic] Rodriguez.

21.121. *Contribuciones preliminares* al estudio sistemático y económico *de las plantas del Paraguay* ... II. *Sobre fibras paraguayas* ... Anales cientificos Paraguayos ... 1911. Oct. (*Contr. prel. pl. Parag.*).
Publ.: Aug 1911, p. [1]-20. *Copies*: G, U. - Issued as Anal. Ci. Parag. ser. 1. 9: 1-20. 1911. - Ramella no. 376.

21.122. *Las plantas usuales del Paraguay* y paises limitrofes. Caracteres, propriedades y aplicaciones con la nomenclatura guaraní, portuguesa, española y latina y la etimología guaraní. Includendo un estudio físico é industrial de las maderas. [1.]. *Introduccion*, nomenclatura y diccionario de los géneros botánicos latino-guaraní ... Asunción (Establecimiento gráfico M. Brosso) [1914]. Oct. (*Pl. usual. Parag., Introd.*).
Publ.: 1914, cover-t.p., p. [1]-78, [1]-2 errata. *Copies*: G, MO. - Part 1: all published. Pages 1-47 are a reprint, with some changes, of p. 1-39 of his *Plantas usuales del Paraguay*, Alto Paraná y Misiones ... Anal. Ci. Parag. ser. 1. 2(1) "1901" (1907), q.v. - BL 1: 252, Ramella no. 435.

21.123. Introduccion y gea. *Condiciones generales de la vida orgánica*. Introduccion - territorial - clima - constitución fisica y geológica - las tierras - geografía botánica - productos - aptitudes - mapa agrológico y climatérico ... Asunción (Establecimento grafico M. Brossa) [1918]. (*Cond. gen. vida org.*).
Publ.: 1918, cover-t.p. [text above], [1, t.p., slightly different]-174, [175-176]. *Copy*: G. - Ramella no. 462.

21.124. Contributions à l'étude botanique des plantes cultivées ... 1. Partie. *Essai d'une monographie du genre Ananas* ... Puerto Bertoni Alto Parana Paraguay (Imprenta y edición "ex Sylvis") ... 1919. Oct. (*Essai monogr. Ananas*).
Publ.: 27 Feb 1919 (date on p. 322), cover-t.p., p. [i, t.p.], [250]-322. *Copy*: G. - Issued as Anal. Ci. Parag. ser. 2. 4. (bot. 7). 1919. – Ramella no. 465.

21.125. *Diccionario botanico latino-guarani* y guarani-latino con un glosario de vocablos y elementos de la nomenclatura botanica. Introduccion a las "plantas usuales y utiles del Paraguay" (obre postuma). Asunción del Paraguay (Editorial Guarani) 1940. Oct. (*Dict. bot. lat.-guar.*).
Publ.: 1940, p. [i, iii], 17-156. *Copy*: MO. – Ramella no. 513.

Bertram, Ferdinand Wilhelm Werner (1835-1899), German clergyman and botanist, educated at the Gymnasium in Holzminden 1849-1854, studied theology at the University of Göttingen 1854, theological tentamen 1857, private teacher at Domaine Klus, nr. Gandersheim 1857-1859, teacher at the Preussische landwirtschaftliche Schule at Badersleben (Kreis Aschersleben) 1860, orphanist and seminar inspector at Wolfenbüttel 1866, parson at the St. Katharinenkirche in Braunschweig 1867-1899. (*Bertram*).

HERBARIUM and TYPES: BREM. – Further material at B (musci and phan.), BP, BUC, GOET, H (musci), IBF, L, WRSL. – The herbarium left by Bertram was in first instance dispersed as follows: European herbarium at the Lehrer-Seminar Wolfenbüttel, the types went to the Lehrer-Seminar in Braunschweig, the mosses and the "nicht eingeordneten Phanerogamen" went to the Naturwiss. Ver. Bremen; the family kept the Algae-types.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 462; Barnhart 1: 176 (b. 26 Apr 1835, d. 1 Dec 1899); BFM 389, 391; BM 1: 154; DTS 1: 354, 6(4): 64; IH 1 (ed. 8): p. 135, 2: 72; Jackson p. 59, 302; Morren ed. 10, p. 25; Rehder 1: 387, 388; Urban-Berl. p. 294.

BIOFILE: Anon., Bot. Monatschr. 8: 188. 1890 (moss herb. for sale, 700 sp., 5000 specimens); Braunschweigisches Volksblatt no. 51, 16 Dec 1899 (n.v., fide Buchenau).
Beste, Joh., Braunschweigisches Magazin no. 5, 11 Mar 1900 (n.v., fide Buchenau).
Buchenau, F., Abhandl. Naturw. Ver. Bremen 18: 341-350. 1906 (main biogr., b. 26 Apr 1835, Ottenstein nr. Holzminden, Braunschweig; d. 1 Dec 1899, Braunschweig).
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Wagenitz, G., Index coll. princ. herb. Gotting. 24. 1982; Göttinger Biologen 1737-1945. 27. 1988.

21.126. *Flora von Braunschweig*. Verzeichniss der in der weiteren Umgebung von Braunschweig wildwachsenden und häufig cultivierten Gefässpflanzen nebst Tabellen zum leichten und sicheren Bestimmen derselben ... Mit einem Anhange, enthaltend ein Verzeichniss der in den angrenzenden Gebieten wildwachsenden Pflanzen ... Braunschweig (Druck und Verlag von Friedrich Vieweg und Sohn) 1876. Oct. (*Fl. Braunschweig*).
Publ.: Apr 1876 (p. xi: preface Mar 1876, Bot. Zeit. 5 and 25 Mai 1876), p. [i]-xi, [xii], [1]-301. *Copy*: G.
Ed. 2: Mar-Apr 1881 (Nat. Nov. Mai (1) 1881, rev. Bot. Zeit. 24 Jun 1881), p. [i]-xi, [xii], [1]-301. *Copy*: BM.
Ed. 3: Aug-Sep 1885 (Bot. Zeit. 2 Oct 1885 "soeben", Bot. Centralbl. 12-16 Oct 1885, Nat. Nov. Oct (1) 1885), p. [i]-xi, [1]-355, including the *Nachtrag*, see below.
Ed. 4: Mar 1894 (on p. ii of cover: dated Mar 1894; mentions change of title; Flora 29 Oct 1894, Nat. Nov. Apr (2) 1894, Bot. Zeit. 1 Mai 1894, Bot. Centralbl. 25 Apr 1894), cover-t.p., [cover p. ii], p. [i]-x, [xi], [1]-392, 8 p. adv. *Copy*: G. – Published by Franz Kretzer; title: *Exkursionsflora des Herzogtums Braunschweig* mit Einschluss des ganzen Harzes. Der Flora von Braunschweig erweiterte und gänzlich umgestaltete Auflage ... Braunschweig (id.). 1894.. Oct.
Ed. 5: Apr 1908 (Nat. Nov. Mai (2) 1908, Allg. bot. Z. 15 Mai 1908), p. [i]-xxx, [xxxi], [1]-452. *Copy*: L. – "Fünfte Auflage durchgesehen, unter besonderer Berücksichtigung der Pflanzenbiologischen Verhältnisse erweitert und herausgegeben von Franz Kretzer ..." Braunschweig (id.) 1908. Oct.
Nachtrag: 1883, *Nachtrag zu der Flora von Braunschweig* [ed. 2], Ver. Naturw. Braunschw. Jahresber. 3: 25-67. 1883 (by Bertram).
Ref.: Anon., Bot. Zeit. 34: 382-383. 16 Jun 1876 (rev. ed. 1).
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Roth, E., Bot. Centralbl. 24: 235-236. 16-20 Nov 1885 (rev. ed. 3).
Buchenau, F.G.P., Bot. Zeit. Abth. 2. 52: 153-154. 16 Mai 1894 (rev. ed. 4).
Wangerin, W., Bot. Centralbl. 108: 254. 8 Sep 1908 (rev. ed. 5).

***Bertrand, Charles Eugène** (1851-1917), French palaeobotanist, studied at the Sorbonne, Paris 1871-1874 with Decaisne and Duchârtre, Dr. phil. ib. 1874, worked at the Sorbonne and the Muséum d'Histoire naturelle 1874-1878, lecturer in botany at the Faculté des Sciences, Lille 1878, ib. professor of botany from 1881-1917. (*C.E. Bertrand*).

COLLECTIONS: LILLE. – Herbarium material from France at L, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 238-239; Barnhart 1: 177; BJI 1: 5; BM 1: 154-155, 6: 87; CSP 7: 162, 9: 227, 12: 77, 13: 506; DSB 2: 85-86; Hortus 3: 1188; IH 2: 72; Jackson p. 82, 109; Kew 1: 234; Langman p. 134; LS 22.075, 32.496; Morren ed. 2, p. 64; MW p. 43; Quenstedt p. 35; Rehder 5(index): 80-81; TL-2/1: 206; Tucker 1: 80, 766.

BIOFILE: Anon., Bull. Soc. bot. France 27 (Bibl.): 232. 1881 (appt. prof. bot. Fac. Sci. Lille).
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Bertrand, C.E., Notice sur les travaux scientifiques de M.C.E. Bertrand, Lille 1887, 43 p.
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21.127. *Théorie du faisceau* ... Paris (Octave Doin, ..) [1880]. Oct.
Publ.: Feb-Apr 1880 (in journal; Flora Jun-Jul 1880, Bot. Zeit. 3 Sep 1880, Bull. Soc. bot. France rd. 12 Nov 1880, Nat. Nov. Oct (2) 1880), cover-t.p., p. [1]-60, *pl. 1-5* (uncol. liths.). *Copy*: B. – Reprinted and to be cited from Bull. Sci. Dép. Nord ser. 2. 3(2): 49-64, *pl. 1-5*. Feb, (3): 116-133. Mar, (4): 165-185. Apr 1880.
Ref.: N.L., Bot. Zeit. 38: 624. 3 Sep 1880 (rev.).

21.128. *Les Poroxylons* végétaux fossiles de l'époque houillère ... Bruxelles (A. Manceaux, ...) 1889. Oct.
Publ.: 1889 (date on preprint; Bot. Centralbl. 3 Dec 1889, Flora 20 Dec 1889), p. [i, cover-t.p.], [1]-45. *Copy*: G. – Preprinted from Mém. Soc. belge Microsc. 1890: 3-49. – See also (1) *Recherches sur les Poroxylons* by Bertrand and B. Renault, Arch. bot. N. France 2, 1887 (n.v.). See P. Maury, Bull. Soc. bot. France 36: 29-30. 1 Mai 1889 and (2), also with Renault, *Les Poroxylons*, Autun 1888, repr. from Bull. Soc. Hist. nat. Autun 2. 1889 (n.v.).

21.129. *Des caractères que l'anatomie peut fournir à la classification des végétaux* ... Autun (Imprimerie Dejussieu Père et Fils) 1891. Oct.
Publ.: 1891 (Bot. Centralbl. 12 Aug 1891, Nat. Nov. Oct (2) 1891), p. [1]-54, chart. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Hist. nat. Autun 4: 297-348. 1891.
Ref.: Möbius, H., Bot. Centralbl. 50: 375-376. 15 Jun 1892 (rev.).

21.130. Remarques sur le *Lepidodendron Hartcourtii* de Witham ... Lille (au siège des Facultés, ...) 1891. Oct. (*Lepidodendron Hartc.*).
Publ.: 15 Jul 1891 or shortly afterwards (printing finished 15 Jul 1891; Bot. Zeit. 25 Sep 1891), cover, p. [i-v], [1]-159, *pl. 1-10* (uncol. liths. auct.). *Copy*: G. – Issued as Tome 2, Mém. 6 of Travaux & Mémoires des Faculté de Lille, 1891.
Ref.: Zeiller, R., Bull. Soc. bot. France 38 (Bibl.): 157-160. 1 Feb 1892 (rev.).

21.131. *Pila bibractensis* et le Boghead d'Autun ... Autun (Imprimerie Dejussieu Père et fils) 1892. Oct. (*Pila bibract.*).
Co-author: Bernard Renault (1836-1904), see TL-2/4: 720-727.
Publ.: 1892, p. [i-ii], [1]-95, *pl. 6-7* (col. liths. auct.) with 1 p. expl. *Copies*: G, U. – Preprinted or reprinted from Bull. Soc. Hist. nat. Autun 5: 159-253, *pl. 6-7*. 1892. – Abstract in C.R. Acad. Sci. Paris 115: 298-301. 1892.

21.132. *Reinschia australis* et premières remarques sur le Kerosene shale de la Nouvelle Galles du Sud ... Autun (Imprimerie Dejussieu Père et fils) 1894. Oct.
Co-author: Bernard Renault (1836-1904), see TL-2/ 4: 720-727.
Publ.: 1894 (Bot. Zeit. 16 Jun 1894), p. [i-ii], [1]-105, *pl. 4-7* (uncol. liths. auct.) with 2 p. expl. – Reprinted and to be cited from Bull. Soc. Hist. nat. Autun 6: 321-435, *pl. 4-7*. 1894.

21.133. *Propriétés des chaînes libéro ligneuses dès Filicinées*. Élargissement et rétrécissement d'une chaîne. Addition d'un divergeant. Cas où le divergeant est fermé ou à l'état de pièce apolaire ... [Paris (Gauthier-Villars, Imprimeur-Libraire des Comptes Rendus des Séances de l'Académie des Sciences ...)] [1901-]1902. Qu.
Co-author: Felix Cornaille.
Publ.: (title above): 1902, p. [1]-12. *Copy*: L. – Reprinted and to be cited from C.R. hebd. Séances Acad. Sci. Paris 133: 1027-1029. 1901. – Three papers combined:
(*1*): 9 Dec 1901 (on p. 4), title above, p. [1]-4, in journal 133: 1027-1029. 1901.
(*2*): 30 Dec 1901 (on p. 8), *Les régions d'une trace foliaire de Filicinée*, in journal 133: 1309-1312. 1901.
(*3*): 27 Jun 1902 (on p. 12), *Les chaînes de divergeants fermés et d'apolaires des Filicinées*, in journal 134: 248-251. 1902.

21.134. *Les caractéristiques des traces foliaires osmondéennes* et cyathéennes exemples, modifications et réductions ... [Bull. Soc. Hist. nat. Autun 1902]. Oct.
Co-author: Felix Cornaille.
Publ.: 1902, cover-t.p., p. [1]-15, [1]-8 expl. pl., *2 pl. Copy*: L. – Reprinted and to be cited from Bull. Soc. Hist. nat. Autun 15(C.R.): 49-61, *2 pl.* 1902.

21.135. *Étude sur quelques caractéristiques de la structure des Filicinées actuelles* I. La masse libéro-ligneuse élémentaire des Filicinées actuelles et ses principaux modes d'agencement dans la fronde ... Lille (au Siège de l'Université, ...) 1902. Oct. (*Étud. struct. Filic. act.*).
Co-author: Felix Cornaille.
Publ.: Jun 1902 (date of printing 30 Mai 1902), p. [i-vii], [1]-221, [223]. *Copy*: L. – Issued in Trav. Mém. Univ. Lille 10, Mém. 29.

21.136. *Les caractéristiques* du genre *Diplotesta* de Brongniart ... [Bull. Soc. bot. France ... 1907]. Oct.
Publ.: Aug (sero) 1907 (fide Leussink, Taxon 37(1): 53. 1988), cover, p. [389]-402. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 54(6): 389-402. 1907.

21.137. *Les caractéristiques* du genre *Cardiocarpus* d'après les graines silicifiées étudiées ... [Bull. Soc. bot. France ... 1908]. Oct.
Publ.: Jul (med.) 1908 (fide Leussink, Taxon 37(1): 54. 1988), p. [391]-396. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 55(5): 391-396. 1908.

21.138. Le *Tubicaulis Berthieri* (sp. nov.) ... [Mém. Soc. Hist. nat. Autun ... 1911]. Oct.
Co-author: Paul Charles Edouard Bertrand (1879-1944, see below).
Publ.: 1911, p. [43]-92, *pl. 1-3* (uncol. phot.), text pages [i*-iii*]. 1911. *Copy*: U. – Reprinted and to be cited from Mém. Soc. Hist. nat. Autun 24: 43-92, *pl. 1-3*. 1911.

21.139. *Le bourgeon femelle des Cordaïtes* d'apres les préparations de Bernard Renault ... Nancy (Imprimerie Berger-Levrault ...) 1911. Oct.
Publ.: Jan-Feb 1911 (in journal), p. [1]-59, [61, table], *pl. 1-5*. *Copy*: MO. – Reprinted and to be cited from Bull. Séanc. Soc. Sci. Nancy ser. 3. 12(1): 29-84, *pl. 1-5*. 1911.

Bertrand, Paul Charles Edouard (1879-1944), French phytopalaeontologist, son of C.E. Bertrand, worked mainly at the Museum houiller in Lille as technician from 1906, Dr. phil. Lille 1909, lecturer and curator ib. 1910, professor of palaeontology ib. 1910. (*P.C.E. Bertrand*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 239; Barnhart 1: 177 (b. 10 Jul 1879); BJI 2: 13; Quenstedt p. 36.

BIOFILE: Anon., Hunt Library biogr.-dict. bot. portr. coll. 36. 1972 (d. 24 Feb 1944).
Pruvost, P., Ann. Soc. géol. Nord 65: 127-137. 1946 (obit., portr.).

21.140. *Étude du stipe de l'Adelophyton jutieri* ... Lille (Imprimerie L. Danel) 1907. Oct.
Publ.: 1907, p. [1]-40, *pl. 1-4* (uncol. phot.). *Copy*: L. – Published in Mém. Soc. Sci. Lille 1907 (n.v.).

21.141. *Note sur les* affinités des *Zygoptéridées* ... Paris (Secrétariat de l'Association [Française] pour l'Avancement des Sciences) 1907.
Publ.: 1907, cover-t.p., p. 413-415. *Copy*: L. – Published in C.R. Ass. Franç. Avanc. Sci. 35: 413-415. 1907.

21.142. *Classification des Zygoptéridées* d'après les caractères de leurs traces foliaires ... [Paris (Gauthier-Villars ...) 1907]. Qu.
Publ.: Nov-Dec 1907 or early 1908 (read 4 Nov 1907), p. [1]-3. *Copy*: L. – Reprinted and to be cited from C.R. Acad. Sci. Paris 145: 775-777. 1907 [-1908].

21.143. *Études sur la fronde des Zygoptéridées* ... Lille (Imprimerie L. Danel) 1909. Oct. (*Étud. fronde Zygoptér.*).
Publ.: *Text*: Jan-Mai 1909 (Bot. Centralbl. 8 Jun 1909, p. [1]-286. *Copies*: G, Geol. Bureau Heerlem, U.
Atlas: Jan-Mai 1909 (id.), p. [1]-35, *pl. 1-16* (microphot.). *Copies*: id.
Note: Also issued as Thèse présentée à la Fac. Sci. Univ. Lille ... Lille 1909 (n.v.).
Ref.: Zeiller, R., Bot. Centralbl. 111: 28-30. 13 Jul 1909, Bull. Soc. bot. France 56 (Bibl.): 623-625. 1909 (publ. 1910).
Gravis, A., Bull. Soc. roy. bot. Belg. 66: 310-316. 1909 (review and analysis; also issued as reprint, p. 1-7).

21.144. Nouvelles remarques sur la *Fronde des Zygoptéridées* ... Autun (Imprimerie Dejussieu et Demasy) 1911. Oct.
Publ.: 1911, cover-t.p., p. [i-ii], [1]-38, *pl. 1-4* (uncol. phot., with text [i*-iv*]). *Copy*: U. – Preprinted from Mém. Soc. Hist. nat. Autun 25, 1912.

21.145. Structure des *stipes d'Asterochloena laxa* Stenzel ... Lille (Imprimerie Liégeois-Six ...) 1911. Qu.
Publ.: 1911, cover-t.p., p. [1]-72, *pl. 1-7* (uncol. phot.). *Copy*: U. – Reprinted and to be cited from Mém. Soc. géol. Nord 7(1): 1-72, *pl. 1-7*. 1911.

21.146. *Conférences de paléobotanique* ... Lille (Imprimerie centrale du Nord) 1926. Oct. (*Conf. paléobot.*).
Publ.: 1926, p. [1]-138. *Copy*: U.

21.147. *Aléthoptéridées* ... Lille (Imprimerie L. Danel) 1932. Qu.
Publ.: Jan 1932 (date in journal), p. 61-107, *pl. 31-60, 43bis*. *Copy*: Geol. Inst. Amsterdam (now Leiden). – Issued as fascicle 2 of the series *Études des gîtes minéraux de la France* ... Bassin Houiller de la Sarre et de la Lorraine, I. Flore fossile, fasc. 2.

Bertsch, Karl (1878-1965), German (Württemberg) primary school teacher in Mengen, highschool teacher at Ravensburg, 1927, Dr. phil. h.c. Tübingen, specialized on the flora and vegetation of Württemberg. (*Bertsch*).

HERBARIUM and TYPES: STU. – Further material in M (lich.).

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 268; Barnhart 1: 177; BFM p. 275; BJI 2: 13; Futak-Domin p. 103; GR 63, pl. [18]; IF suppl. 4: 314; Kew 1: 235; SBC p. 116.

BIOFILE: Baur, K., Jahresh. Ver. vaterl. Naturk. Württemberg 123: 20-22. 1968 (obit.).
Künkele, S., Jahresh. Ges. Naturk. Württemberg 125: 147-148. 1970.
Lehmann, E., Schwäbische Apotheker 64, 65, 97, 101, 201-202 (b. 1 Feb 1878, Dormettingen, Württemberg), 204. 1951 (major source).
Prescott, G.W., Bibl. Desmid. Univ. 48. 1984 (4 papers on Desmid. ecology).
Sayre, G., Bryologist 80(3): 504. 1977.

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Co-author: Franz Bertsch (b. 19 Aug 1910, d. 31 Jan 1944, son of K. Bertsch, fell at the battle of Witebsk, 31 Jan 1944).
Publ.: *Ed. 1*: 1933, p. [i]-viii, [1]-311, [313-320, advert.]. *Copies*: B, NY.
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Publ.: 1940, p. [i-viii], [1]-120, [4 p. adv.]. *Copy*: U.

***Bescherelle, Émil** (1828-1903), French administrator and botanist, from 1858 at the Department of Agriculture, Commerce and Public Works, amateur botanist especially interested in cryptogams, correspondent of the Muséum d'Histoire naturelle and long-time connected with the Société botanique de France, in 1885 its president, described over a thousand of new species of mosses. (*Besch.*).

HERBARIUM and TYPES: BM (exotic bryoph., 14.800 nos.), MIN (europ. bryoph.), P (phan.), PC (bryol. types), further material at AL, B, CANM, FH, G, H-BR, K, LG. – Also material with Société scientifique d'Arcachon. – For his series of exsiccatae *Muscinées des Environs de Paris* (10 fasc., nos. 1-250, 1861-1866) see E. Camus (1903), p. 238-239.

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BIOFILE: Anon., Bull. Soc. bot. France 43: 672. 1896 (prix Desmazières); J. Bot. 38: 502. 1900 (acquisition exotic Musci & Hepat. of B. by BM); Hedwigia 39(5): (195). 1900 (moss herb. for sale), 40(1): (21). 1901 (exotic bryoph. acquired by BM).
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Publ.: 1873, p. [1]-62, *pl. 1* (repr. from Bull. Soc. bot. France 20: *pl. 1*. 1873 to which Bescherelle refers on p. 50). *Copies*: G, U. – Reprinted and to be cited from Ann. Sci. nat. Bot. ser. 5. 18(3): 184-245. 1873. – The number of copies of this reprint was probably very restricted: E. Bescherelle sent a proof-sheet copy with journal pagination to Schiffner in Berlin with a blank cover on which the author had written a dedication. A second set of proof-sheets were sent to T. Husnot (1877). This constitutes pre-publication of which the precise date is unknown.

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Collector: Benedict Balansa (1825-1891), see TL-2/1: 107 and TL-2/suppl. 1: 286-287.
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Authorship: Bescherelle editor and in part author, collaborators: "Balansa, Bové, Cordies, Cosson, Debeaux, Delestre, Durieu de Maisonneuve, Gandoger, Gouget, Guyon, Jourdan, Kremer, Letourney (Aristide), Nicaise, Paris, De la Perraudière, Philibert, Reboud, Reuter, Roussel et Trabut".
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Co-author: Abramo Bartholommeo Massalongo (1824-1860), see TL-2/3: 355-358.
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Co-author: Richard Spruce (1817-1893), see TL-2/5: 816-820. For Spruce's part of this work see Bescherelle's notes in this publication.
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Collector: Père Pierre Jean Marie Delavay (1834-1895), see TL-2/1: 614.
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Collector: Friedrich Carl Lehmann (1850-1903), coll. at G-Boiss.
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[*Addition*]: Jun-Jul 1898, p. 42. *Copy*: B. – Id. 25(3): 42-43. 1898.

Besnard, Anton Franz (1814-1885), German (Bavarian) physician and botanist, educated at the München gymnasium, studied at the University of München, Dr. phil. ib. 1835, Dr. med. ib. 1836, assistant physician at the München general hospital 1836-1838, military physician with the Royal Bavarian army 1838-1875. (*Besnard*).

HERBARIUM and TYPES: Unknown.

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BIOFILE: Anon., Bonplandia 3: 30. 1855 (member of Leopoldina, cogn. Leopold Gmelin).
Ilg., W., Hoppea 42: 319. 1984 (member Regensb. Bot. Ges. 1853, gives name as "Franz Anton").
Sydow, P. and C. Mylius, Botaniker-Kalender 2: 101. 1887 (brief obit.).

21.191. *Bayern's Flora.* Aufzählung der in Bayern diesseits und jenseits des Rheins wildwachsenden phanerogamischen Pflanzen, Angabe ihrer Standorte, Blüthezeit, der Linné'schen Klassen und der natürlichen Familien. Als Führer bei botanischen Exkursionen bearbeitet ... München (Verlag von Jul. Grubert) 1866. Oct. (*Bayern's Flora*).
Publ.: 1 Mar-16 Apr 1866 (preface Dec 1865; Flora "soeben" 17 Apr 1866, Bot. Zeit. adv. 25 Mai 1866 "soeben", ÖBZ 1 Jun 1866), p. [i]-xv, [1]-478. *Copies*: G, L, MO.
Ref.: Anon., Flora 49: 142-143. 28 Mai 1866.

Besnou, Léon (1811-?), French pharmacist and botanist, chief pharmacist of the French navy. (*Besnou*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 178; BL 2: 178; BM 1: 156, 3: 1042; Jackson p. 418; Kew 1: 235; PR 749; Rehder 5(index): 81; Tucker 1: 80.

21.192. *Catalogue* raisonné *des plantes* vasculaires de l'arrondissement *de Cherbourg* ... Cherbourg (Auguste Mouchel, ...) 1862. Oct. (*Cat. pl. Cherbourg*).
Co-author: Bertrand Lachênée (fl. 1862).
Publ.: 1862, cover-t.p., p. [1]-257. *Copies*: G, L. – "Extrait du tome II du Congrès scientifique de France, 27. session, Cherbourg" (n.v.).
Ref.: Fournier, E., Bull. Soc. bot. France 9 (Bibl.): 554-555. Mar 1863 (rev.).

21.193. *Catalogue raisonné des plantes* composant l'école botanique du *Jardin d'Avranches.* Reconstitué entièrement en 1864 ... Avranches (Imprimerie typog. et lithog. de Mme. Henri Tribouillard ...) s.d. [1872]. Oct.(half sheets). (*Cat. pl. Jard. Avranches*).
Publ.: 1872 (fide Jackson), p. [i*, iii*], [i]-viii, [ix-xi], [1]-240. *Copies*: B, NY.

21.194. *La flore de la Manche.* Catalogue raisonné des plantes vasculaires et cellulo-vasculaires du Département de la Manche ... Coutances (Imprimerie de Salettes, ...) 1881. Oct. (*Fl. Manche*).
Publ.: 1881 (Nat. Nov. Sep (1) 1881), cover-t.p., p. [i-iii], [1]-380. *Copies*: G, MO, NY. – See BL 2: 178 for further literature on this region.

Besse, François Maurice (1864-1924), Swiss clergyman and botanist, canon at the monastery of the Grand Saint Bernard, professor of natural sciences at Lens, sometime president of the Société Murithienne. (*Besse*).

HERBARIUM and TYPES: SIGMA, M (Hieracium), U.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 721, 12(1): 240; Barnhart 1: 178 (b. 28 Jan 1864, d. 27 Jul 1924); BL 2: 588; Hegi 5(2): 1479, 6(2): 985, 1300; IH 2: 72; Saccardo 2: 19.

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Chiovenda, E., Nuovo Giorn. bot. ital. ser. 2. 31: 280. 1924.
Romieaux, H., Bull. Soc. bot. Genève ser. 2. 16: 21. 1924 (obit.).

21.195. *Notes floristiques* sur quelques plantes du *Valais* et de la Vallée d'Aoste ... [Extrait du Bulletin Murithiènne ... 1903]. Oct.
Publ.: 1903, p. [1]-17. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Murith. 32: 173-189. 1903.

Besser, Johannes Felix (1861-?), German (Saxonian) botanist, educated at the Annen-Realschule in Dresden, studied at the Dresden Polytechnic 1879 and the University of Leipzig 1880-1883, teacher at a secondary school in Schneeberg from 1884; Dr. phil. 1886. (*J.F. Besser*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 178.

21.196. *Beitrag zur Entwicklungsgeschichte und vergleichende Anatomie von Blüten- und Fruchtstielen.* Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde der Hohen Philosophischen Facultät der Universität Leipzig ... Lössnitz (Druck von C.W. Sulze) 1886. Oct. (*Beitr. Entw.-Gesch. Anat. Blütenst.*).
Publ.: Apr-Jul 1886 (Bot. Zeit. 24 Sep 1886, Nat. Nov. Aug (3) 1886), p. [1]-32. *Copy*: NSUB.

***Besser, Wilibald Swibert Joseph Gottlieb von** (1784-1842), Austrian botanist, born at Innsbruck(Tirol), educated in Lemberg, studied at the University of Cracow 1805, Dr. med. ib. 1807, medical assistant at the university 1808, in Vienna 1808-1809, teacher in botany and zoology, and director of the botanical garden of the Gymnasium (from 1816 Lyceum) at Krzemieniec 1809-1831, after the abolishment of the Lyceum only with the botanical garden 1831-1835, professor of botany at Kiew 1835-1841, in retirement in Krzemieniec. (*Besser*).

HERBARIUM and TYPES: KW. – Further material in B, BMU, BP, BR, CGE, CW, FI, G, H, HAL, G-DC, K, KW, L, LE, LZ, M, MO, MW, OXF, P, PRC, TCD, WAG.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 252, 5(2): 709, 6(2): 442; Backer p. 64; Barnhart 1: 178; BM 1: 157; Bossert p. 36; Clokie p. 131; CSP 1: 348, 7: 165; Frank 3(Anh.): 10; Futak-Domin p. 103; Hegi 4(1): 241, 5(2): 1295, 6(2): 1239; Hortus 3: 1188; IH 2: 37, 72; Jackson see index; Kew 1: 236; Langman p. 135; Lasègue p. 562 (index); Lipschitz 1: 186-188; MW p. 43; PR 752-755, ed. 1: 848-852; Rehder 5(index): 82; RS p. 75; TL-1: 34; TL-2/1: 208-209 and see indexes; TR p. 28-32; Tucker 1: 81, 146; Urban-Berl. p. 329; Zander ed. 10, p. 635, ed. 11, p. 721-722.

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Bessey, Charles Edwin (1845-1915), American botanist and educator, entered Michigan Agricultural College 1866 (studied with e.g. A.N. Prentiss and W.J. Beal), graduated B. Sc. 1869, M. Sc. 1872, professor of botany at Iowa Agricultural College at Ames 1870-1884, in between engaged in graduate work at Harvard 1872-1873 and 1875-1876, Ph.D. Univ. Iowa 1879, L.L.D. Iowa College 1898; professor of botany at the University of Nebraska 1884-1915, pioneer in botanical laboratory instruction. (*Bessey*).

HERBARIUM and TYPES: HH, ISC (Iowa), NEB, NY, UTC.

BIBLIOGRAPHY and BIOGRAPHY: ADB 4: 32, 6(2): 145; Barnhart 1: 178 (b. 21 Mai 1845, d. 25 Feb 1915); BJI 1: 5, 2: 13; BL 1: 197; BM 1: 157; CSP 7: 165, 9: 230, 12: 79, 13: 515-516; De Toni 1: xii; DSB 2: 102-104 (by J. Ewan); Ewan ed. 1: 163, ed. 2: 18; GR p. 204; IH 2: 72; Jackson p. 64, 487; Kew 1: 236; LS 2883-2930, 31.126-31.132; LS suppl. 2571-2580; Morren ed. 10, p. 120; Nordstedt p. 9, suppl. p. 4; NW p. 40; Rehder 5(index): 82; TL-2/see indexes; Tucker 1: 81-82.

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CONTEXT AND BASES OF THE BESSEYAN DICTA: See R.W. Kiger, *Context and basis ... dicta*, thesis Univ. Maryland 1971, p. [i]-vi, 1-158. *Copy*: MO.

CHARLES E. BESSEY PAPERS: See J.G. Svoboda and Patricia Churray, eds., Guide and index to the *microfilm* edition of the Charles E. Bessey Papers (1865-1915), Univ. Nebraska Studies ser. 2. 67, Lincoln 1984, p. [1]-198. - Contains a biogr. sketch on p. 13-15.

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Publ.: 1877, p. [1]-11. *Copy*: MO. - Reprinted with independent pagination from The Aurora, Iowa 1877 (n.v.). - Interesting text with respect to Bessey's ideas on teaching science.

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21.200. Report of the botanist on the *Grasses and forage plants*, and the catalogue of plants ... Lincoln, Neb. (State Journal Company, ...) 1890. Oct. (*Grass. forage pl.*).
Co-author: Herbert John Webber (1865-1936), see TL-2/7: 122-123 and especially no. 16.875 in which this report is also mentioned.
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Niedenzu, F., Bot. Jahrb., Lit 14(3): 13. 15 Sep 1891 (rev.).

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Co-author: Alfred F. Woods (1866-1948), see TL-2/7: 444.
Publ.: 27 Mar 1894 (date on cover-t.p.), cover-t.p., p. 7-36. *Copy*: BKL. – Reprinted and to be cited from Ann. Rep. Nebraska State Hort. Soc. 1894: 7-36. – Reprint also issued in Contr. Bot. Dept. Univ. Nebraska, ser. 2. 6, 1894.

21.203. The *botany of the grape* and the genus Prunus ... Lincoln, Nebraska, U.S.A. 1895. Oct.
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21.207. *The structure and classification of the Siphonales* ... Transactions of the American microscopical Society ... 1907. Oct.
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21.210. *The phyletic idea in taxonomy* .. Reprinted from Science ... 1909. Oct.
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Publ.: Dec 1910 (in journal), cover-t.p., p. [85]-96. *Copy*: L. – Reprinted and to be cited from Transact. Amer. microscop. Soc. 29(2): 85-96. 1910.

21.212. *Selected rules of botanical nomenclature.* (Especially those of interest to foresters) ... Reprinted from The Forest Club Annual, II. 1910. Oct.
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21.213. *Synopsis of the conjugate algae – Zygophyceae* ... Decatur, Ill. (American microscopical Society) 1914. Oct.
Publ.: Jan 1914 (in journal), cover-t.p., p. [11]-49. *Copy*: L. – Reprinted and to be cited from Transact. Amer. microscop. Soc. 33(1): 11-49. 1914.

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Co-author: Ernst Athearn Bessey (1877-1957), see below.

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Note: Originally published as *The essentials of botany, briefer course*, ed. 1, 1884, Henry Holt and Co., ed. 2: 1885, ed. 3: 1886, ed. 4: 1889, ed. 5: 1892, ed. 6: 7 Feb 1896, ed. 7: 23 Jul 1896. – For further information see R.J. Pool (1915), p. 517-518.

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Publ.: Feb-Apr 1915 (date on cover-t.p.), cover-t.p., p. 109-164. *Copy*: BKL. – Reprinted and to be cited from Ann. Missouri Bot. Gard. 2: 109-164. 1915. – "A paper read by invitation at the Twenty-fifth Anniversary Celebration of the Missouri Botanical Garden, October 15, 1914".

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Publ.: 1915, title recto of [142], p. [142]-151, *pl. 15* (uncol. draw. recto of 151). *Copy*: BKL. – Reprinted and to be cited from Ann. Rep. Michigan Acad. Sci. 17: 142-151, *pl. 15*. 1915.

Bessey, Ernst Athearn (1877-1957), American botanist, mainly mycologist, son of C.E. Bessey, educated at Lincoln, Nebraska, graduated from high school June 1892, studied at the University of Nebraska at Lincoln 1892-1904, A.B. 1896, B.Sc. 1897, M.A. 1898, studied at the University of Halle with G.A. Klebs 1902-1904, Ph.D. Halle 1904, part-time (later full-time) agricultural explorer for U.S.D.A in Russia, the Caucasus, Turkestan, and Algeria 1899-1902, at U.S.D.A Washington D.C. 1906-1908, professor of botany at Louisiana State University, Baton Rouge 1908-1910, from 1910-1946 at Michigan Agricultural College, East Lansing, professor of botany, visiting professor of botany University of Hawaii 1939-1940, professor emeritus East Lansing 1946-1957. (*E.A. Bessey*).

HERBARIUM and TYPES: MSC. – Further material at B, DPU, E, F, HH, K, MIN, MONT, MONTU, NY, PH, US.

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21.217. *Über die Bedingungen der Farbbildung bei Fusarium.* Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der kgl. Preussischen vereinigten Friedrichs-Universität Halle-Wittenberg ... Halle a.S. (Druck von Val. Höfling, ...) 1904. Oct. (*Beding. Farbbild. Fusarium*).
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Publ.: 1917, p. [239]-245. *Copy*: B (photocopy). – Reprinted and to be cited from Michigan Acad. Rep. 19: 239-245. 1917.

21.220. *A text-book of mycology* ... Philadelphia (P. Blakiston's Son & Co., ...) [1935]. Oct. (*Text-book mycol.*).
Publ.: 1935 (copyright date on p. [iv]; Hedwigia 30 Mar 1936), p. [i]-xv, 1-495. *Copy*: U.

Best, George Newton (1846-1926), American physician and bryologist, New Jersey born, school teacher 1867-1870 in the region of Pittstown, N.J., teacher in natural sciences and mathematics in Rugby Academy 1872-1873, graduated from the Medical Dept. University of Pennsylvania 1875, practicing physician at Rosemont, New Jersey 1875-1926. (*Best*).

HERBARIUM and TYPES: NY (7797 specimens), further material in PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 178; Bossert p. 37; CSP 13: 518; Hortus 3: 1188; IH 2: 72; Kew 1: 236; NW p. 40; SBC p. 116; Tucker 1: 82.

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Publ.: 26 Mai 1900 (date on p. 221), cover-t.p., p. [221]-236, *pl. 6-7* (uncol. liths.). *Copies*: BKL, G. – Reprinted and to be cited from Bull. Torrey bot. Club 27(5): 221-236, *pl. 6-7*. 1900.

21.224. *Revision of the North American species of Heterocladium* ... Reprinted from the Bulletin of the Torrey Botanical Club ... 1901. Oct.
Publ.: 2 Mar 1901 (in journal), cover-t.p., p. 123-131, *pl. 13-14* (uncol. liths.). *Copy*: BKL. – Reprinted and to be cited from Bull. Torrey bot. Club 28(2): 123-131, *pl. 13-14*. 1901.

21.225. *North American Thuidiums* ... Reprinted from the Bryologist ... 1901. Oct.
Publ.: Oct 1901 (date on p. 70 of reprint), t.p. [recto of 70], p. 70-74, *pl. 9* (uncol. phot.). *Copy*: BKL. – Reprinted and to be cited from Bryologist 4(4): 70-74, *pl. 9*. 1901.

21.226. *Revision of* the North American species of *Leskea* ... Reprinted from the Bulletin of the Torrey Botanical Club ... 1903. Oct.

Publ.: 3 Sep 1903 (in journal), cover-t.p., p. 463-482, *pl. 15-16* (uncol. liths. Alexandrina Taylor). *Copy*: BKL. – Reprinted and to be cited from Bull. Torrey bot. Club 30(9): 463-482. 1903.

***Betcke, Ernst Friedrich** (1815-1865), German (Mecklenburg) physician in Pentzlin. (*Betcke*).

HERBARIUM and TYPES: Unknown; had a herbarium of ca. 5900 species, offered for sale 1866 (see E.F.A. Boll, 1866).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 607; Backer p. 64; Barnhart 1: 179; BM 1: 157; CSP 1: 348; Hortus 3: 1188; PR 756, ed. 1: 853; Rehder 2: 301; TL-2/1: 209; Tucker 1: 82.

BIOFILE: Boll, E.F.A., Fl. Mecklenburg 147. 1860; Arch. Ver. nat. Mecklenb. 19: 310 [ca. 1866].
Hansen, A., [in letter:] born 1815. Letter to FAS 31.1.1977.

NOTE: *Animadv. bot. Valer.* (TL-2/503). *Copies*: B, MO.

***Bethel, Ellsworth** (1863-1925), American (Ohio-born) botanist, educated at Scio College and East Tennessee Wesleyan University; migrated to Colorado 1890, living in Denver until his death, teacher at East Denver high school until 1917, later employed by U.S.D.A., also, from 1912, connected with the State Museum, Denver. (*Bethel*).

HERBARIUM and TYPES: BPI, see TL-2/1: 209 and IH 2: 72. – Unfinished manuscripts at U.S.D.A.; phanerogamic material mainly at COLO and FC.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 93; Barnhart 1: 179; Bossert p. 37; Ewan ed. 1: 163-164, 346, ed. 2: 18 (major source); IH 2: 72; LS suppl. 2586-2588; NAF 7(15): 1052; Stevenson p. 1236; TL-2/1: 209; Tucker 1: 82.

BIOFILE: Anon., Mycologia 18(1): 48. 1925 (obit. not.).
Byers, W.N., *in* Encycl. Biogr. Colo. 1: 345-346. 1901 (portr.).
Cockerell, T.D.A., Science 63: 201-212. 1926.
Jeaucon, J.A., Colorado Mag. 3: 25-27. 1926 (portr.).
Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 47. 1981.
Schmoll, H.M., Colorado Mag. 2: 62-63. 1925.
Seaver, F.J., Mycologia 18: 187-188. 1926 (portr.).
Stevenson, J.A., Beih. Nova Hedwigia 36: 50. 1971.
Stieber, M.T. et al., Huntia 4(1): 51. 1981 (contents letter to Maxon 5 Aug 1885).

Bethge, Hans (1885-1955), German limnologist and phycologist, employed by the Bundesanstalt für Wasser-, Boden- und Lufthygiene, Berlin-Dahlem. (*Bethge*).

HERBARIUM and TYPES: None.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 179; Christiansen p. c-141; Roon p. 17.

BIOFILE: Mollenhauer, D., Englera 7: 39, 47, 48. 1987.
Prescott, G.W., Bibl. Desmid. univ. 49. 1984.

21.227. *Das Havelplankton im Sommer 1911* ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1911. Oct.
Publ.: 23 Nov 1911 (in journal), cover, p. [496]-504. *Copies*: B, L. – Reprinted and to be cited from Ber. deut. bot. Ges. 29(8): 496-504. 1911.

21.228. *Das Plankton der Havel bei Potsdam* ... Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung ...) 1915. Oct.
Publ.: 1915, cover-t.p., p. [193]-240. *Copy*: B. – Reprinted and to be cited from Arch. Hydrobiol. Planktonk. 10: 193-240. 1915.
Ref.: Matouschek, F., Bot. Centralbl. 140(24): 374. 17 Jun 1919 (rev.).

21.229. *Melosira und ihre Planktonbegleiter* ... Jena, (Verlag von Gustav Fischer) 1925. (*Melosira*).
Publ.: Mai 1925 (p. iv: Jan 1925, ÖBZ rd. Jun-Sep 1925, Nat. Nov. Jun 1925), p. [i]-iv, [v], [1]-80, [1-2], *pl. 1-3*. *Copy*: HH. – Issued as Pflanzenforschung, ed. R. Kolkwitz, Heft 3. 1925.

21.230. Über *Sceletonema subsalsum* (A. Cleve) Bethge ... Berlin 1928. Oct.
Publ.: 28 Jun 1928 (in journal), cover-t.p., p. [340]-347, *pl. 11* (uncol. liths.). *Copy*: B. – Reprinted and to be cited from Ber. deut. bot. Ges. 46(5): 340-347, *pl. 11*. 1928.

21.231. *Chroococcus planctonius*, eine neue planktonische Cyanophycee ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1935. Oct.
Publ.: 28 Mar 1935 (in journal), cover, p. [265]-269. *Copy*: B. – Reprinted and to be cited from Ber. deut. bot. Ges. 53(2): 265-269. 1935.

21.232. *Untersuchungen über das Teichplankton* I-VI ... Berlin-Dahlem 1938-1941. Oct.
Publ.: *1*: Aug-Dec 1938 (in journal), cover-t.p., p. [203]-213. – Reprinted and to be cited from Kleine Mitt. Mitgl. Ver. Wasser- Boden- Lufthygiene 14(8-12): 203-213. 1938.
2: Jan-Mai 1939 (id.), cover-t.p., p. [85]-121. – Id. 15(1-5): 85-121. 1939.
3: Jun-Sep 1939 (id.), t.p. on recto of [216], [216]-261, *pl. 1-8*. – Id. 15(6-9): 216-261, *pl. 1-8*. 1939.
4: Jul-Sep 1940 (id.), t.p. on recto of [258], [258]-303. – Id. 16(7-9): 258-303. 1940.
5: Oct-Dec 1940 (id.), t.p. on recto of [356], [356]-369. – Id. 16(10-12): 356-369. 1940.
6: Jan-Mar 1941 (id.), cover-t.p., p. [51]-105. – Id. 17(1-3): 51-105. 1941.
Copies: B.

Bethke, Albert (1849-1890), German (Prussian) botanist and teacher at secondary schools, educated at the Gymnasia in Konitz and Dt. Krone, studied at the University of Breslau 1872-1873, id. at Königsberg i. Pr. 1873-1878, part-time private teacher concurrently, assistant at the Königsberg botanical garden 1877-1890, Dr. phil. Königsberg 1882. (*Bethke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 179 (b. 24 Mar 1849, Preussisch-Friedland, d. 12 Jan 1890, Kortan bei Allenstein); CSP 13: 519.

BIOFILE: Caspary, R. *in* Festschr. 50-j. Bestehen des Preuss. Bot. Ver. 195-196. 1912.

21.233. *Ueber die Bastarde der Veilchen-Arten*. Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Facultät der Albertus-Universität zu Königsberg i. Pr. genehmigt und Freitag den 3 November 1882 Mittags 11 Uhr öffentlich verteidigt ... Königsberg i. Pr. (Druck der Universitäts Buch- und Steindruckerei von E.J. Dalkowski) [1882]. Qu. (*Bast. Veilchen-Art.*).
Publ.: 3 Nov 1882 (date of defense thesis), p. [i-iii], [1]-20, [21, theses, vita]. *Copies*: G, NSUB.
Ref.: Peter, G.A., Bot. Zeit. 41(45): 756-757. 9 Nov 1883 (rev.).

Bettelini, Arnoldo (1876-?), Swiss (Caslano, Lugano-born) botanist, Dr. phil. Univ. Zürich 1904. (*Bettelini*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 179; BL 2: 584; Kew 1: 237; Tucker 1: 82.

21.234. *La flora legnosa del Sottoceneri* (Cantono Ticino meridionale). Dissertazione inaugurale presentata per l'esame di dottorato all' Alta Facoltà filosofica dell'Università di Zurigo (Sezione Matematico-Scienza naturali) ... Bellinzona (Tipografia e lithografia Cantonale) 1904. Oct. (*Fl. legnosa Sottoceneri*).
Publ.: 1904 (p. [7]: preface dated 6 Jun 1904), p. [3]-213, *pl. 1-6* (phot.), 1 chart, 1 col. map. *Copies*: G, L, MO, NY, USDA. - These copies all have the cover dated 1905 of the commercial issue consisting of the original printed sheets. The cover-title: *La Flora legnosa del Sottoceneri* di H. Bettelini. Zurigo (in commissione da Alberto Raustein) 1905. Issued as fasc. 4 of C. Schröter, ed., *Escurs. bot. stud. fitogeogr. Svizzera*. Copies of this commercial issue were distributed Dec 1904-Jan 1905.
Ref.: Flahault, C., Bull. Soc. bot. France 52: 568-570. 1905.
Huber, G., Bot. Centralbl. 99: 626-627. 19 Dec 1905.

Beumée, Johan Gotlieb Benjamin (1888-1966), Dutch forester and botanist, studied at the college of agriculture, horticulture and forestry at Wageningen, final forestry examination 1911, employed by the forestry service in Netherlands East Indies 1913-1922, stationed at the forestry experiment station at Buitenzorg [Bogor] 1913-1921, European leave of absence Aug 1921-Jul 1922, Dr. phil. Wageningen 1922, botanist at the Buitenzorg herbarium 1922-1924, keeper 1924-1931, employed at the General Agricultural Experiment Station Buitenzorg 1931-1938, from 1934 as its director, returned to the Netherlands, private scientist living in Bennekom nr. Wageningen from 1938-1966, reader in plant taxonomy at the Agricultural College of Wageningen 1947-1953. (*Beumée*).

HERBARIUM and TYPES: BO, BZF and L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 65, 639; Barnhart 1: 180; BJI 2: 13; IH 2: 72, 344; JW 2: 184; SK 1: cxlviii, cxx, 54-55, 4: 100, 5: cclviii, 8: xiv.

BIOFILE: Beumée, J.G.B., Curriculum vitae and bibl., typewritten copy at L.
Jacobs, M., Herman Johannes Lam 1892-1977. 174. 1984.
Steenis, C.G.G.J. van, Fl. males. Bull. 2: 43. 1947 (appt. lecturer in botany at Agric. College Wageningen), 21: 1371-1372, 1377. 1966.

HANDWRITING: Steenis-Kruseman, M.J. van, Fl. males. ser. 1. 1: cxlviii. 1950.

21.235. *De korte flora der Djatibosschen* ... Batavia (Boek- & Steendrukkerij G. Kolff & Co.) 1919. Oct.
Publ.: 1919, cover-t.p., p. [146]-205. *Copy*: L. - Reprinted and to be cited from Tectona 11(1-2): 146-205. 1919.

21.236. *Floristisch-analytische onderzoekingen van de korte flora in* kunstmatig aangelegde *Djatiplantsoenen op Java*, in verband met de ontwikkeling van den Djati-opstand. Proefschrift ter verkrijging van den graad van Doctor in de Landbouwkunde van de Landbouwhoogeschool te Wageningen op gezag van den Rector-magnificus ... Daartoe benoemde commissie uit den Senaat te verdedigen op Maandag 8 Mei 1922 ... Wageningen (H. Veenman) 1922. Oct. (*Fl. anal.-onderz. fl. Djatiplantsoenen*).
Publ.: 8 Mai 1922 (date of defense thesis), p. [i-vii], [1]-166, theses [2-4]. *Copy*: L.
Ref.: Markgraf, Fr., Bot. Jahrb. 58(Lit.): 45-46. 1 Feb 1923.

21.237. *De kalkheuvels van Koeripan* en hun vegetatie ... Buitenzorg (Archipel Drukkerij) 1924. Oct.

Publ.: Oct-Dec 1924, cover-t.p., p. [1]-37, *pl. 1-10* (uncol.). *Copy*: L. – Preprinted or reprinted from Handelingen 3. Ned.-Ind. natuurwet. Congres 25-28 Sep 1924: 145-181, *pl. 1-10.*

***Beurling, Pehr Johan** (1800-1866), Swedish botanist and magistrate, studied at Uppsala 1813-1821 with Thunberg, first botanical examination 1817, Dr. phil. ib. 1821, Dr. jur. 1822, ultimately magistrate in Stockholm 1847. (*Beurl.*).

HERBARIUM and TYPES: S (herbarium including that of F.A. Wrangel).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 180 (b. 4 Dec 1800, Stockholm, d. 4 Dec 1866, sic, ib.); BL 2: 522; BM 1: 158; CSP 1: 351; IH 2: 72; Kew 1: 237; KR 81-82 (lists 14 publs.); Langman p. 135; PR 758; Rehder 1: 333, 355; TL-2/1: 210; Tucker 1: 82.

BIOFILE: Anon., Bot. Not. 1866: 184-185 (obit. not.), id. Generalregister 1839-1938: 9-10, 88 (refs. to 13 papers in Bot. Not.).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 413. 1877.

NOTE: Beurling defended a text written by C.P. Thunberg at a first examination on 13 Dec 1817, see TL-2/14.393, no. 4. q.v. – Also on IDC microfiche 619/2.

21.238. *Primitiae florae Portobellensis* sive enumeratio plantarum vascularium quas juxta oppidum Portobello in isthmo panamensi Americae centralis mense Aprili anno 1826 legit Doct. Joh. Eman. Billberg ... Ex Actis Reg. Scient. Svec. [1856]. Oct.
Collector: Johan Immanuel Billberg (1799-1845), see KR p. 83-84.
Publ.: 1856 (in journal), p. [105 = t.p.], p. [107]-148. *Copy*: G. – Reprinted from Sv. Vet.-Akad. Handl. 1854: 105-148. 1856 with the title "Bidrag till Portobellos Flora" (*Copy*: MO).

21.239. *Plantae vasculares seu cotyledoneae Scandinaviae*, nempe Sveciae et Norvegiae, juxta regni vegetabilis systema naturale digestae ... Holmiae [Stockholm] (P.A. Norstedt & Filii) 1859. Oct. (*Pl. vasc. Scand.*) [corrected text for TL-2/505].
Publ.: 1859, p. [i-v], [1]-69. *Copies*: G, NY; IDC 8428. – A second edition in mss. in the library of the Royal Swedish Academy of Sciences, see KR no. 14.

Beust, Fritz von (1856-1908), Swiss palaeobotanist and teacher at secondary schools, educated at the Zürcher Gymnasium, studied at the Zürich Polytechnic University (mainly botany), id. for his teacher examination 1877-1879, Dr. phil. University of Zürich Feb 1884, studied and worked in Paris and England, sometime teacher in England. (*Beust*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 180; BM 1: 158; Kew 1: 238; Quenstedt p. 37 (b. 26 Sep 1856, Holtingen, d. 28 Jul 1908).

BIOFILE: Rudio, F., Verh. Schweiz. naturf. Ges. 91(1): 1-3. 1908 (obit., b. 26 Sep 1856, d. 28 Jul 1908).
Rudio, F. and C. Schröter, Vierteljahrsschr. Naturf. Ges. Zürich 53: 613-615. 1908 (id., lists 3 publ.).

21.240. *Schlüssel zum Bestimmen aller in der Schweiz wild wachsenden Blüten-Pflanzen*, sowie der für ein Herbarium wichtigen Sporenpflanzen, nach Ordnungen und Familien des natürlichen Systems. Ausschliesslich für das Anlegen von Herbarien in Schulen zusammengestellt ... Zürich (Verlag von Meyer & Zeller (Reimann'sche Buchhandlung)) 1889. Oct. (*Schlüss. Schweiz Bl.-Pfl.*).
Publ.: *Ed. 1*: 1881 (n.v.).
Ed. 2: 1889, p. [1]-49, fold. table. *Copies*: G, NY.

21.241. *Untersuchung über fossile Hölzer aus Grönland.* Inaugural-Dissertation der hohen philosophischen Facultät der Universität Zürich zur Erlangung der Doctorwürde ... Zürich

(Druck von Zürcher & Furrer) 1884. Qu. (*Unters. foss. Hölzer Grönl.*).
Publ.: Jan-Jul 1884 (Bot. Centralbl. 29 Sep-3 Oct 1884, Bot. Zeit. 26 Sep 1884), p. [1]-43, tables 1-4, *pl. 1-6* (uncol.). *Copies*: G, KNAW, NSUB, U. – Preprinted from Neue Denkschr. allg. schweiz. Ges. Naturw. 29(1): 1-43, tables 1-4, *pl. 1-6*. 1884.
Ref.: Geyler, H.T., Bot. Centralbl. 21(1): 10-11. 29 Dec 1884-2 Jan 1885 (rev.).
Ed. B., Bull. Soc. bot. France 31(Bibl.): 138-139. 20 Jan 1885 (rev.).

Bevis, James Frederick (fl. 1909-1911), British botanist, lecturer at the Woolwich Polytechnic. (*J.F. Bevis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 180; BJI 2: 630; Kew 1: 238.

21.242. *British plants* their biology and ecology ... London (Alston Rivers, Ltd. ...) 1911. Oct. (*Brit. pl.*).
Co-author: Henry John Jeffery (1884-1950).
Publ.: 1911 (Nat. Nov. Oct (1) 1911), p. [i]-xii, [1]-334. *Copies*: G, L.
Ed. 2: 1920, p. [i]-xii, [1]-346, [348, printer's mark]. *Copy*: U. – "Second edition, revised and enlarged".
Ref.: J.G., J. Bot. 50: 29-30. Jan 1912 (rev. ed. 1).
A.J.W., J. Bot. 59: 52-53. Feb 1921 (rev. ed. 2).

Bews, John William (1884-1938), Scottish-born ecologist and philosopher, studied at the University of Edinburgh, M.A. 1906, D.Sc. 1912, lecturer in economic botany at Manchester University 1907-1908, assistant professor of botany Edinburgh 1908-1910, professor of botany at Natal University College, Pietermaritzburg, S. Afr. 1910-1938 (except for prof. of botany at Durham 1925-1927), travelled widely in Southern Africa, USA and Canada. (*Bews*).

HERBARIUM and TYPES: NU, further material in SAM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 180; BJI 2: 13; BL 1: 48; Desmond p. 62; IH 2: 73; Kew 1: 238-239.

BIOFILE: Bayer, A.W., S. Afr. J. Sci. 67(8): 409-410. 1971.
Bullock, A.A., Bibl. S. Afr. bot. 10-11. 1978 (bibl.).
Gale, G.W., John William Bews, Pietermaritzburg 1954 (bibl. on p. 119-138; general biogr., portr.).
Gunn, M.D., Standard encyclopedia S. Afr. 2: 301. 1970.
Gunn, M.D. and L.E. Codd, Bot. expl. S. Afr. 93-94. 1981 (curr. vitae, portr., coll., b. 16 Dec 1884, Kirkwall, Orkney Isl., d. 10 Nov 1938, Pietermaritzburg; source of our biogr. sketch above).
Hutchinson, J., Kew Bull. 1939: 32-33. 15 Feb 1939 (obit.).
Phillips, E.P., S. Afr. J. Sci. 27: 63-64, 67, 69, 70. 1930.

COMPOSITE WORKS: Contributions to A.G. Tansley and T.F. Chipp, *Aims and methods in the study of vegetation*, London 1926, Chap. 12. *Vegetation study in sub-tropical countries*, p. 259-268, Chap. 16. *The story of forest vegetation in South Africa*, p. 314-317, Chap. 19. *Survey of climatic grasslands* ..., p. 341-348.

21.243. *The growth-forms of Natal plants* ... [Trans. R. Soc. S. Afr. ... 1916]. Oct.
Publ.: Jun 1916 (date on cover), cover, p. 605-636. *Copy*: L. – Reprinted and to be cited from Trans. R. Soc. S. Afr. 5(5): 605-636. 1916. The author published an advance abstract in Bot. Centralbl. 30 Nov 1915.
Ref.: Smith, G.W., Bot. Centralbl. 134: 393. 19 Jun 1917 (rev.).
Gale, G.W., John William Bews 120. 1954 (no. 5).

21.244. *The plant succession in the thorn veld* ... [S. Afr. J. Sci. ... 1917]. Oct.
Publ.: 1917, p. [1]-20, *pl. 6-9. Copy*: G. – Reprinted and to be cited from S. Afr. J. Sci. 14: 153-172. 1917.
Ref.: Gale, G.W., John William Bews 120. 1954 (no. 7).

21.245. *South African phytogeography* ... [S. Afr. Geogr. ... 1917]. Oct.
Publ.: 1917, p. 11-22. *Copy*: L. – Reprinted and to be cited from S. Afr. Geogr. J. 1(1): 11-22. 1917.
Ref.: Gale, G.W., John William Bews 120. 1954 (no. 8).

21.246. *The grasses and grasslands of South Africa* ... Pietermaritzburg (P. Davis & Sons, ...) 1918. (*Grasses Grasslands S. Afr.*).
Publ.: Aug-Dec 1918 (p. iv, preface dated Jul 1918), p. [i], map, [iii]-vi, [1]-161. *Copies*: MO, L.
Ref.: Gale, G.W., John William Bews 121. 1954 (no. 10).

21.247. *An introduction to the Flora of Natal* and Zululand ... Pietermaritzburg (City printing works, ...) 1921. Oct.
Publ.: 1921 (p. vi signed Mai 1921), p. [i]-vi, [1]-248. *Copies*: G, L.
Ref.: Gale, G.W., John William Bews 124. 1954 (no. 16).

21.248. *Plant forms* and their evolution in South Africa ... London (Longmans, Green and Co. ...) 1925. Oct. (*Plant forms*).
Publ.: 1925 (preface Jun 1924), p. [i-xiii], [1]-199. *Copy*: U.
Ref.: Gale, G.W., John William Bews 126-127. 1954 (no. 23).

21.249. *Studies* in the *ecological evolution* of the *Angiosperms* ... London (Wheldon & Wesley, Ltd. ...). 1927. Oct. (*Stud. ecol. evol. Angiosp.*).
Publ.: 1927, p. [i]-viii, [1]-134. *Copy*: L. – Issued as New Phytologist Reprint no. 16.
Ref.: Gale, G.W., John William Bews 127-128. 1954 (no. 25).

21.250. *The world's grasses.* Their differentiation, distribution, economics and ecology ... London (Longmans, Green and Co. ...) 1929. Oct. (*World Grasses*).
Publ.: 1929 (Nat. Nov. Dec 1929), p. [i]-xii, [1]-408. *Copy*: L.
Facsimile edition: 1973, published by Russell & Russell, Publishers, New York, USA (n.v.).
Ref.: Rendle, A.B., J. Bot. 68: 121-123. Apr 1930.
Gale, G.W., John William Bews 128-129. 1954 (no. 26).

Beyer, Harry Rudolf (1874-?), German botanist, born at Danzig, educated at the Danzig Gymnasium, studied classic languages at Königsberg i. Pr. 1892, switched to pharmacy 1894-1895 at Danzig, assistant pharmacist at Leipzig, Frankfurt a. M., Hamburg and Berlin, studied pharmacy at Berlin 1898-1899, worked with Engler on African An(n)onaceae. (*H.R. Beyer*).

HERBARIUM and TYPES: If any at B.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 13; Tucker 1: 82.

21.251. *Beiträge zur Anatomie der Anonaceen*, insbesondere der afrikanischen. Inaugural-Dissertation zur Erlangung der Doktorwürde von der philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich zu verteidigen am 23. April 1902 ... Leipzig (Wilhelm Engelmann) 1902. Oct. (*Beitr. Anat. Anonac.*).
Publ.: 23 Apr 1902 (date of defense thesis), p. [1]-44, [45, theses, 46 vita]. *Copy*: BKL. – Preprinted from Bot. Jahrb. 31: 516-555. 29 Aug 1902.

Beyer, Rudolf (1852-1932), German (Silezian, Wohlau) botanist and secondary school teacher at the Andreas-Realgymnasium in Berlin, died in Berlin-Tempelhof. (*Beyer*).

HERBARIUM and TYPES: B (orig. herb., 30.000), other material in KIEL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 181 (b. 1 Oct 1852, d. 6 Jul 1932); BL 2: 374; Christiansen p. 64, 312 (index); DTS 6(4): 64, 116; IH 2: 73; Kew 1: 239; Rehder 1: 234; Saccardo 1: 29, 2: 19; TL-2/8211; Urban-Berl. p. 329.

BIOFILE: Anon., Bot. Centralbl. 73(9): 23 Feb 1898 (professor's title); Hedwigia 72(2) (Beibl.): 230. 1932 (d. 6 Jul 1932, Berlin-Tempelhof).
Fuchs, H.P., Bull. Murith. 109: 121. 1991 (b. 1 Oct 1852 at Wohlau, d. 6 Jul 1932, Berlin).
Lack, H.W. and O. v. Sydow, Willdenowia 13: 413. 1983 (letters to Halácsy and Keck in UPS-UB).
Mattfeld, J., Verh. Bot. Ver. Prov. Brandenburg 74: 214. 1933 (obit. not.).
Stieber, M.T. et al., Huntia 4(1): 51. 1981 (letter to F.V. Coville).

COMPOSITE WORKS: (1) Contributed to H. Potonié, *Ill. Fl.* ed. 4. 1889, see TL-2/8211.

21.252. *Beiträge zur Flora der Thäler Grisanche und Rhêmes* in den grajischen Alpen ... Berlin (R. Gaertners Buchhandlung ...) 1891. Qu. (*Beitr. Fl. Grisanche Rhêmes*).
Publ.: Mar-early Apr 1891 (Easter 1891, Nat. Nov. Apr (1) 1891, Bot. Zeit. 24 Apr 1891, Bot. Centralbl. 22 Apr 1891), p. [1]-30. *Copies*: B, BKL, G(2), NY. – Issued as Wissenschaftliche Beilage zum Programm des Andreas-Realgymnasiums zu Berlin. Ostern 1891, Programm no. 93.

21.253. *Missbildungen an* Blüten von *Primula officinalis* Jacq. ... Separat-Abdruck aus den Verhandlungen des Botanischen Vereins der Provinz Brandenburg ... [1893]. Oct.
Publ.: 2 Oct 1893 (in journal), p. [xv]-xvi, *pl. 1*. *Copy*: B. – Reprinted and to be cited from Verh. Bot. Ver. Prov. Brandenburg 35(2): xv-xvi, *pl. 1*. 1893.

21.254. *Ueber Linum Leonii* Schultz und einige andere Formen der Gruppe Adenolinum (Rchb. a.G.) ... [Berlin (Verlag von Gebrüder Borntraeger) 1899]. Oct.
Publ.: 4 Jan 1899 (in journal), cover, p. [i*, recto of lxxxii], [lxxxii]-xciv. *Copy*: B. – Reprinted and to be cited from Verh. Bot. Ver. Prov. Brandenburg 40(2): lxxxii-xciv. 1898 [1899].

21.255. *Ueber* einige bisher noch unbekannte oder wenig beachtete *Formen in* der Gattung *Luzula* ... Separat-Abdruck aus den Verhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1899 [i.e. 1900].
Publ.: 23 Jan 1900 (in journal), cover, p. [xii]-xxvii. *Copy*: B. – Reprinted and to be cited from Verh. Bot. Ver. Prov. Brandenburg 41(2): xii-xxvii. 1900.

21.256. *Berliner Schulflora*. Taschenbuch zum möglichst leichten und sicheren Bestimmen der um Berlin wildwachsenden und der häufiger angebauten Blüten- und Farnpflanzen ... Berlin (Verlag von Gebrüder Borntraeger) 1909. Oct. (*Berliner Schulfl.*).
Publ.: 1909 (Nat. Nov. Aug (1) 1909), p. [i]-vii, [1]-277, [278-280, adv.]. *Copy*: B.

21.257. *Bemerkungen zu* einigen *alpinen Cruciferen* ... [Sonderabdruck aus den Verhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1913]. Oct.
Publ.: 15 Aug 1913 (in journal), cover, p. [i, identif., recto of 38], [38]-49. *Copy*: B. – Reprinted and to be cited from Verh. Bot. Ver. Prov. Brandenburg 55(1): 38-49. 1913.
Ref.: Matouschek, F., Bot. Centralbl. 134(21): 329. 22 Mai 1917 (rev.).

Beyma thoe Kingma, Frederik Hessel (1885-1966), Dutch mycologist connected with the Central Bureau voor Schimmelcultures at Baarn (nr. Utrecht). (*J.F.H. Beyma*).

HERBARIUM and TYPES: CBS.

BIBLIOGRAPHY and BIOGRAPHY: Hawksworth p. 186; Kew 1: 239; LS suppl. 2628-2638.

21.258. *Beschreibung einiger neuer Pilzarten aus dem Centraalbureau voor Schimmelcultures* - Baarn (Holland) ... Sonderabdruck aus dem Zentralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten ... 1933-[1944]. Oct.
Publ.: [*1*]: 1933, cover-t.p., p. [131]-141. - Reprinted and to be cited from Zentralbl. Bacteriol. II. 88: 131-141. 1933.
2: 1933, p. [237]-244. - Id. II. 89: 237-244. 1933.
3: 1935, p. [345]-355. - Id. II. 91: 345-355. 1935.
4: 1937, p. [411]-432. - Id. II. 96: 411-432. 1937.
5: 1939, p. [381]-394. - Id. II. 99: 381-394. 1939.
6: Oct-Dec 1940, p. [263]-290. - Id. from Antonie van Leeuwenhoek 6: 263-290. 1940.
7: Oct-Dec 1942, p. 105-122. - Id. 8: 105-121. 1942.
8: 1944 [1945?, issue for 1944-1945; text submitted 7 Feb 1944], p. [41]-56. - Id. 10: 41-56. 1944.
Copies: STEV, U.

***Beyrich, Heinrich Karl** (1796-1834), German (Wernigerode, Preussen-born) gardener and botanical explorer, studied briefly botany in Göttingen, gardener at the imperial gardens in Wien, travelled in the Alps and N. Italy, visited Kew Gardens, sent to Brazil by the Prussian government to collect in Brazil material for the gardens nr. Potsdam (incl. Pfaueninsel) 1822-1823, director of the Neu-Schöneberg Botanical Garden 1823-1833, travelled in the USA 1833-1834, died at Fort Gibson, Arkansas. (*Beyr.*).

HERBARIUM and TYPES: See TL-2/1: 210; material in B, BM (major set), GOET, H (Steven), LE, LZ (destr.), M, MO, NY, OXF, PH, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 605 (major biogr. source), 46: 536; AG 2(1): 87; Barnhart 1: 181 (b. 22 Mar 1796, d. 15 Sep 1834); Clokie p. 131; IH 2: 73; Kew 1: 237; KR p. 82; Lasègue p. 562; PR 758[a]; Rehder 3: 60, 117; Stevenson p. 1236; TL-2/1: 210; Urban-Berl. p. 294, 329.

BIOFILE: Anon., Flora 19(1): 192. 1836 (herb. bought by Römer in Dresden), 19(1) Intell. Bl.: 5. 21 Feb 1836.
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Geiser, S.W., Field & Lab. 24: 77-96. 1956 (on B. in Arkansas).
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Urban, I., Fl. bras. 1(1): 6-7. 1906.
Wagenitz, G., Index coll. princ. herb. Gotting. 24. 1982; Göttinger Biologen 1737-1945. 27. 1988.

Beyse, Gustav Hermann (1854-1917), German (Aschersleben) botanist, studied in Halle, Leipzig and Göttingen, D. Sc. Göttingen 1881, secondary school teacher at Bochum. (*Beyse*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 181 (b. 18 Aug 1854); BM 1: 159.

BIOFILE: Sydow, P. and C. Mylius, Botaniker-Kalender 2: 104. 1887.
Wagenitz, G., Göttinger Biologen 1737-1945. 27. 1988 (b. 18 Aug 1854, Aschersleben, d. 23 Dec 1917, Bochum).

21.259. *Untersuchungen über den anatomischen Bau* und das mechanische Princip im Aufbau einiger Arten der Gattung *Impatiens* ... Halle (Druck von E. Blochmann & Sohn in Dresden) 1881. Qu. (*Unters. anat. Bau Impatiens*).
Publ.: 1881 (Nat. Nov. Sep (1) 1881), cover-t.p., p. [i], [1]-63, [64], *pl. 1-4* (uncol. liths.). *Copy*: B-S. – Issued in Nova Acta Leopoldina 43(2): 181-243. 1881.
Ref.: N.L., Bot. Zeit. 39: 783. 25 Nov 1881 (rev.).

21.260. *Schul-Flora von Bochum* ... Bochum (Druck von Wilh. Stumpf) 1894-1896. Oct. (*Schul-Fl. Bochum*).
Publ.: *1*: summer 1894, p. [i-iv], [1]-57. *Copy*: BKL. – Issued as Beilage zum Jahresberichte Städtische Oberrealschule zu Bochum, Progr. nr. 380. 1894 (Bot. Zeit. rd. by 16 Sep 1895, sic; Nat. Nov. Aug (1) 1894).
2: summer 1896, p. [i, t.p.], 57-113. – Id. Progr. Nr. 386. 1896 (Bot. Zeit. rd. by 16 Sep 1896, Nat. Nov. Oct (1) 1896).
Copies (1+2): B, MO, NSUB.

Bhâradwâja, Yâjnyavalkya (1895-1963), Indian (Punjab) botanist (algologist and limnologist), educated at the Government College Lahore, M.Sc. 1918, demonstrator in botany at St. John's College, Agra, assistant professor of botany at the Banares Hindu University 1922-1923, full professor 1933, Dr. phil. Univ. London 1933, retired 1955. (*Bhâradwâja*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Roon p. 17.

BIOFILE: Sarma, Y.S.R.K. and E.R.S. Talpasyi, Phykos 3(1-2): 8-10. 1964 (detailed obit., bibl., portr.).

21.261. *Contributions to our knowledge of the Myxophyceae of India* ... Annals of Botany ... Printed in Great Britain. 1933. Oct.
Publ.: Jan 1933 (in journal), cover-t.p., p. [117]-143. *Copies*: B, L. – Reprinted and to be cited from Ann. Bot. 47(185): 117-143. 1933.

21.262. *False branching* and sheath-structure in the Myxophyceae, with special reference to the *Scytonemataceae* ... [Abdruck aus Archiv für Protistenkunde ... Jena 1933]. Oct.
Publ.: 1933, cover (identif.), p. [243]-283. *Copy*: L. – Reprinted and to be cited from Arch. Protistenk. 81(2): 243-283. 1933.

21.263. *A new species of Draparnaldiopsis* (Draparnaldiopsis indica sp. nov.) ... Cambridge (at the University Press) 1933. Oct.
Publ.: 14 Aug 1933, cover-t.p., p. [1]-10, *pl. 8*. *Copies*: B, L. – Reprinted and to be cited from New Phytol. 32(3): 165-174, *pl. 8*. 1933.

21.264. *The taxonomy of Scytonema* and Tolypothrix including some new records and new species from India and Ceylon ... Gap [France] (Imprimerie Louis Jean, ...) 1934. Oct.
Publ.: 1934, cover-t.p., p. [149]-178. *Copies*: B, L. – Reprinted and to be cited from Revue algol. 7: 149-178. 1934.

21.265. *A new species of Nostochopsis* (Nostochopsis radians sp. nov.) ... Cambridge (at the University Press) 1934. Oct.
Publ.: 1934, cover-t.p., p. [1]-7. *Copies*: B, L. – Reprinted and to be cited from New Phytol. 33(1): 1-7. 1934.

21.266. *The Myxophyceae of the United Provinces, India.* I. ... Proceedings of the Indian Academy of Sciences ... 1935. Oct.
Note: Part 1 by Bhâradwâja, parts 2 and 3 by C. Bhasyakarla Rao.
Publ.: *1*: Jul 1935 (in journal), cover-t.p., p. 95-107. *Copies*: B, L. – Reprinted and to be cited from Proc. Indian Acad. Sci. 2(1): 95-107. 1935.
2: Feb 1936 (in journal), cover-t.p., p. 165-174. *Copy*: B. – Id. 3(2): 165-174. 1936.
3: Dec 1937 (in journal), cover-t.p., p. 339-375. *Copy*: B. – Id. 6(6): 339-375. 1937.

21.267. *On two forms of Hydrurus* Ag. from Kashmir ... Proceedings of the Indian Academy of Sciences ... 1936. Oct.
Publ.: Mar 1936 (in journal), cover-t.p., p. 278-281. *Copy*: L. – Reprinted and to be cited from Proc. Indian Acad. Sci. 3(3): 278-281. 1936.

***Biasoletto, Bartolomeo** [Amadeo] (1793-1858), Italian pharmacist and botanist, born at Dignano d'Istria as son of a farmer, educated by the local priest, pharmacy student with an apothecary at Dignano, practicing pharmacist at Trieste, later owner of the pharmacy All'Orsonero, studied with N.J. Jacquin at the University of Vienna 1812-1814, Dr. phil. Padua 1823, travelled in Istria, Dalmatia and Montenegro with August von Sachsen. (*Biasol.*).

HERBARIUM and TYPES: Original herbarium in TSM (fide Saccardo), further material at B, BP, HBG, FI, GOET, K, M.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 249 (err. d. 17 Jan 1859); Barnhart 1: 182; BM 1: 160; Bossert p. 38; CSP 1: 356, 6: 588, 7: 169, 12: 80; De Toni 1: xii, 2: xiii; Hegi 5(2): 993; IH 2: 73; Jackson p. 267; Kanitz 137; Kew 1: 242; Lasègue p. 403, 503; LS 26.899; PR 763-765, ed. 1: 862-863; Rehder 1: 447; Saccardo 1: 30, 2: 19; TL-2/1: 211; Tucker 1: 82; Urban-Berl. p. 329.

BIOFILE: Anon., Flora 21(2): 424. 1838 (with the King of Saxony in Dalmatia and Montenegro [also accompanied by Reichenbach Sr.] in May and June 1838); 41(7): 112. 1858 (obit. not.); Bonplandia 6(3): 34, 66. 1858 (brief obit. taken from Triester Zeitung); ÖBZ 8: 108. 1858 (brief obit. not.); Bull. Soc. bot. France 4: 1070-1071. 1858 (obit. note).
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Hein, W.-H., Veröff. Int. Ges. Gesch. Pharmacie ser. 2. 40: 77, 101-103, 115. 1973 (handwriting, brief biogr., was a member of 67 societies and Academies).
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Müller, R.H.W. and R. Zaunick, Friedrich Traugott Kützing 257 (index). 1960 (numerous entries, biographical details).
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Wagenitz, G., Index coll. princ. herb. Gotting. 25. 1982.

COMPOSITE WORKS: (1) *Conspectus plantarum oeconomicarum Istriae, in* Pittoreskes Oestreich, Nr. 13, Istrien, Wien 1840, n.v., see PR ed. 1.

(2) *Viaggio di* S.M. *Federico Augusto re di Sassonia* per l'Istria, Dalmacia e Montenegro, Trieste 1841. Oct., 264 p., *3 pl.* n.v., listed by PR ed. 1, no. 863. – German extract Dresden 1842 (n.v.).

NOTE: TL-2/508, *Escursioni botaniche sullo Schneeberg* 1846, also on IDC microfiche 8823.

***Bicknell, Clarence** (1842-1918), British curate, archeologist and botanist, B.A. Trinity College, Cambridge 1865, M.A. 1873, took Orders in the Church of England, curate at St. Paul's Walworth and at Stoke (Shropshire), chaplain at Bordighera (Riviera) 1879-1881, from then on following scientific and artistic pursuits settled at Bordighera. (*C. Bicknell*).

HERBARIUM and TYPES: Original herbarium (11.216 herb. sheets) at the International Institute of Ligurian Studies at Bordighera (see E. Martini 1981), important sets of material at GE and TO, further material at AK, AMES, B, BHA, DBN, E, G, GB, GOET, HH, K, L, NY, OXF, W. – Letters at BM; see also TL-2/1: 211 for drawings.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 37, 12(2): 241; Barnhart 1: 183; BB p. 32; BL 2: 114, 363; BM 1: 161; Clokie p. 132; CSP 13: 536; Desmond p. 62 (b. Herne Hill, 27 Oct 1842, d. Val Casterino di Tenda 17 Jul 1918); DTS 6(4): 37; GF p. 50; Hegi 5(2): 1098, 6(1): 86; IH 2: 73; Kew 1: 243; NI 163; Plesch p. 141; Rehder 1: 429, 430; Saccardo 1: 30, 2: 19, cron. p. xvi; Sotheby 61; TL-2/1: 211-212, see also indexes; Tucker 1: 83; Urban-Berl. p. 329.

BIOFILE: Anon., J. Bot., 23: 382. 1885 (rev. *Fl. pl. ferns Riviera*), 57: 328. 1919 (attempt to place a memorial for B. at Bordighera); Bot. Not. 1918: 259 (d.).
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Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229, 462. 1980.
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Roth, E., Bot. Centralbl. 70(24/25): 378. 16 Jun 1897 (review *Fl. Bordighera*).
Wagenitz, G., Index coll. princ. herb. Gotting. 25. 1982 (material at GOET).

***Bicknell, Eugene Pintard** (1859-1925), American banker and amateur botanist and ornithologist, connected with John Munroe & Company (foreign bankers in New York City), later a partner in that firm, published many botanical papers between 1884 and 1919, president of the Linnaean Society of New York 1879-1887, from 1880 member of the Torrey botanical Club, member of the corporation of the New York Botanical Garden 1910-1925. (*E.P. Bicknell*).

HERBARIUM and TYPES: NY, duplicates at BUF, CU, HH, MO (F.C. Seymour herb.), NEBC, NYS, PH, RUT. – Private library, records of specimens, field notes etc. also at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 183; BL 1: 187; CSP 13: 536; Hortus 3: 1188; IH 2: 73; Langman p. 136; Lenley p. 31 (mss., corr.); Morren ed. 10, p. 127; NAF 28B(2): 320, ser. 2. 5: 233; TL-2/1: 212.

BIOFILE: Anon., Torreya 25(3): 65. 1925 (obit. not.).
Barnhart, J.H., Bull. Torrey bot. Club 52: 119-126. 18 Mai 1925 (major biography, portr., bibl., b. 23 Sep 1859, Westchester County, d. 9 Feb 1925, Long Island); J. New York bot. Gard. 26: 88-89. 1925 (obit.).
Pease, A.S., Fl. N. New Hampshire 36, 40. 1964 (collections 1864).
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Stieber, M.T. et al., Huntia 4(1): 52. 1981 (on letter B. to F.V. Coville on *Sisyrinchium*).

COMPOSITE WORKS: (1) Contributed texts and plates to *Addisonia* 2: 29-30, *pl. 55*. 30 Jun 1917 (*Baccharis halimifolia*), 2: 79-88, *pl. 80*. 31 Dec 1917 (*Aster cordifolius*), 3: 47-48, *pl. 104*. 30 Sep 1918 (*Aster laevis*), 3: 71-72, *pl. 116*. 31 Dec 1918 (*Ilex verticillata*), 6: 25-26, *pl. 205*. 15 Sep 1921 (*Hypopitys insignata*; Bicknell's last botanical publication).

21.268. *Blue-eyed grasses* of the eastern United States (genus Sisyrinchium) ... Contributions from the Herbarium of Columbia College ... 1896. Oct.

Publ.: 30 Apr 1896 (in journal), cover-t.p., p. 130-137, *pl. 263-265*. *Copies*: NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 23(4): 130-137, *pl. 263-265*. 1896. – Also issued as Contr. Herb. Columbia College no. 91.

21.269. *On a new species of Scrophularia* hitherto confused with S. Marylandica ... Contributions from the Herbarium of Columbia College ... 1896. Oct.

Publ.: 20 Aug 1896 (in journal), cover-t.p., p. [314]-319. *Copy*: G. – Reprinted and to be cited from Bull. Torrey bot. Club 23(8): 314-319. 1896. – Also issued as Contr. Herb. Columbia College no. 100.

21.270. *The North American species of Agrimonia* (Plates 282-283). Geum canadense flavum (Porter) Britton, a valid species ... Contributions from the Department of Botany of Columbia University ... 1896. Oct.

Publ.: 28 Dec 1896 (in journal), cover-t.p., p. [508]-525. *Copies*: B, US. – Reprinted and to be cited from Bull. Torrey bot. Club 23(12): 508-523, 523-525. 1896. – Also issued as Contr. Dept. Bot. Columbia Univ. no. 108.

21.271. *Two new species of Sanicula* from the Southern States ... Contributions from the Department of Botany of Columbia University ... 1897. Oct.

Publ.: 30 Dec 1897 (in journal), cover-t.p., p. [577]-581. *Copy*: G. – Reprinted and to be cited from Bull. Torrey bot. Club 24(12): 577-582. 1897. – Also issued as Contr. Dept. Bot. Columbia Univ. no. 128.

21.272. *Studies in Sisyrinchium* I-X ... Contributions from the Department of Botany of Columbia University 1899-1904, 10 instalments.

Publ.: *1*: 15 Mai 1899 (in journal), cover-t.p., p. 217-231. *Copies*: NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 26(5): 217-231. 1899. – Also issued as Contr. Dept. Bot. Columbia Univ. no. 157.

2: 15 Jun 1899 (id.), cover-t.p., p. 297-300. *Copies*: NY, US. – Id. 26(6): 297-300. 1899, and Contr. no. 158.

3: 18 Jul 1899 (id.), cover-t.p., p. 335-349. *Copies*: NY, US. – Id. 26(7): 335-349. 1899, and Contr. no. 159.

4: 17 Aug 1899 (id.), cover-t.p., p. 445-457. *Copies*: NY, US. – Id. 26(8): 445-457. 1899, and Contr. no. 161.

5: 22 Sep 1899 (id.), cover-t.p., p. 496-499. *Copies*: NY, US. – Id. 26(9): 496-499. 1899, and Contr. no. 163.

6: 22 Dec 1899 (id.), cover-t.p., p. 605-616. *Copies*: NY, US. – Id. 26(12): 605-616. 1899, and Contr. no. 166.

7: 26 Mai 1900 (id.), cover-t.p., p. 237-246. *Copies*: NY, US. – Id. 27(5): 237-246. 1900, and Contr. no. 170.

8: Jul 1900 (id.), cover-t.p., p. 373-387. *Copies*: NY, US. – Id. 27(7): 373-387. 1900, and Contr. no. 172.

9: 26 Oct 1901 (id.), cover-t.p., p. 570-592. *Copies*: G, NY, US. – Id. 28(10): 570-592. 1901, and Contr. no. 187.

10: 29 Jul 1904 (id.), cover-t.p., p. 379-391. *Copies*: NY, US. – Id. 31(7): 379-391. 1904, and Contr. no. 209.

21.273. The *nomenclature* of the *New England Agrimonies* ... Contributions from the Department of Botany Columbia University ... 1901. Oct.

Publ.: 2 Mar 1901 (in journal), cover-t.p., p. 102-108. *Copy*: NY. – Reprinted and to be cited from Bull. Torrey bot. Club 28(3): 102-108. 1901. – Also issued as Contr. Dept. Bot. Columbia Univ. no. 175.

Follow-up: 30 Sep 1901 (in journal), cover-t.p., p. [514]-518. 1901. *Copies*: G, NY. – Id. 28(9): 514-518. 1901. – Also issued as Contr. Dept. Bot. Columbia Univ. no. 186.

Bidermann, Joseph (fl. 1874), French pharmacist. (*Bidermann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 125.

21.274. *Recherches sur le genre Brayera* ou étude botanique de la fleur de Cousso ... Paris (F. Pichon, libraire-éditeur ...) 1874. Oct. (*Rech. Brayera*).
Publ.: 1874, p. [1]-31, [32]. *Copy*: G.

Bidwill, John Carne (1815-1853), English born botanist who emigrated to Australia, arrived in Sydney 1838, travelled and collected in New Zealand 1839-1844, returned to Sydney 1844, accompanied J.D. Hooker around Port Jackson, temporary government botanist and director of the Botanic Gardens, Sydney 1847-1848, Commissioner of Crown Lands for the Wide Bay District, Queensland 1848-1853. (*Bidwill*).

HERBARIUM and TYPES: B, CGE, K, L, MEL, MO. – Manuscripts and correspondence at NSW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 183; CSP 1: 360; Desmond p. 63; Hortus 3: 1188; IH 2: 73; Kew 1: 243; PR p. 27; Tucker 1: 83; Zander ed. 11, p. 722.

BIOFILE: Anon., Bonplandia 1(17): 168. 1853 (obit. not.).
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Hooker, J.D., Bot. antarct. Voy., Fl. Tasmaniae 1(3): 126. 1858.
Hooker, W.J., J. Bot. Kew Gard. Misc. 5: 252. 1853.
Maiden, J.H., The Sydney Botanic Gardens 8: 5-8. 1903; Kew Bull. 1906(6): 217; Proc. Roy. Soc. N.S.W. 42: 85-93. 1908 (impt. source); also info. in Biogr. Not. Sydney Bot. Gard. no. 8, n.v.); Rep. Australas. Ass. Adv. Sci. 12: 375. 1910.
McKinnon, Firmin, J. Hort. Soc. Queensland 3(2): 97-99. 1939-1941.
Norton, J., Proc. Linn. Soc. N.S.W. 25: 778-779. 1900.

21.275. *Rambles in New Zealand* ... London, 1841. Oct. (*Rambl. N.Z.*).
Publ.: 1841, p. [i]-viii, [1]-104, map. *Copy*: HH.

Biebl, Richard (1908-1974), Austrian (Salzburg born) botanist, educated at Volksschule and first gymnasium year in Vienna, continued at the Salzburg Gymnasium, studied palaeontology at the University of Vienna 1926-1930, Dr. phil. Vienna 1930, teacher at various Vienna

gymnasia, from 1930, habil. 1938, scientific assistant at the Institute of Plant Physiology, Vienna from 1939, on active service 1942-1944, professor of botany at the University 1945, assistant at the Institute of Plant Physiology, became the title of professor again in 1950, extra-ordinary professor for plant anatomy and physiology 1955, regular professor 1964. (*Biebl*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 184; BFM 2470; Kew 1: 243-244.

BIOFILE: Kinzel, H., Ber. deut. bot. Ges. 88: 485-496. 1975 (biogr., portr., bibl. of 151 nos.); Protoplasma 81(1): 1-2. 1974 (portr.).
Schindler, H., Österr. Hochschülerzeit. 15 Mar 1974 (p. 7).
Tratz, E.P., Ber. Haus Natur Salzburg 6: 47. 1974 (i.e. 1975, brief obit.).

21.276. *Ökologische* und zellphysiologische *Studien an Rotalgen der englischen Südküste* ... Sonderabdruck aus "Beihefte zum Bot. Centralbl." ... 1937. Oct.
Publ.: 1937, cover (identif.), p. [381]-424, *pl. 7* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Beih. Bot. Centralbl. 57(A): 381-424, *pl. 7*. 1937.

21.277. *Zur protoplasmatischen Anatomie der Rotalgen* ... [Protoplasma ... 1937]. Oct.
Publ.: 1937 (read 15 Jun 1937), p. [562]-581. *Copy*: L. – Reprinted and to be cited from Protoplasma 28(3): 562-581. 1937.

21.278. *Protoplasmatische Ökologie der Meeresalgen* ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1939. Oct.
Publ.: 1 Dec 1939 (in journal), cover (identif.), p. [78]-90. *Copy*: L. – Reprinted and to be cited from Ber. deut. bot. Ges. 57(1): 78-90. 1939.
Note: See also his major work on this subject *Protoplasmatische Ökologie der Pflanzen*, Protoplasmatologia vol. 12, 344 p., 1962.

21.279. Über die *Temperaturresistenz von Meeresalgen* verschiedener Klimazonen und verschieden tiefer Standorte ... Sonderabdruck aus den Jahrbüchern für wissenschaftliche Botanik ... 1939. Oct.
Publ.: 1939, cover-t.p., p. [389]-420. *Copy*: L. – Reprinted and to be cited from Jahrb. wiss. Bot. 88(3): 389-429. 1939.

***Bielefeld, Rudolf** (fl. 1900), German highschool teacher and botanist at Halle a.S. (*Bielef.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 27; BM 6: 91; CSP 13: 541; Kew 1: 244; Rehder 1: 389; TL-2/1: 212.

21.280. *Flora der ostfriesischen Halbinsel* ... 1900. – See TL-2/512.
Notes: Received by ÖBZ Mai-Jun 1900, Nat. Nov. Jun (1) 1900, Bot. Zeit. 1 Jul 1900, Bot. Centralbl. 4 Jul 1900, hence indeed publ. Apr-Mai 1900. Review by E.H.L. Krause, Bot. Zeit. 59(1): 11. 1 Jan 1901.
Preliminary publication: *Beitrag zur Flora Ostfrieslands*, Abh. Naturw. Ver. Bremen 13: 353-374. 1896.

21.281. *Ueber den Wechsel im Artenbestand der Flora zwischen Jade und Dollard* ... [Jahresber. Naturf. Ges. Emden ... 1901]. Oct.
Publ.: 1901 (in journal; mss. dated Jan 1901 on p. 8), p. [1]-8. *Copy*: B. – Reprinted and to be cited from Jahresber. Naturf. Ges. Emden 1899-1900: 41-48. 1901.

21.282. *Das Forlitzer Becken*. Geologisch-botanische Skizze ... Emden (Druck von Th. Hahn Wittwe) 1903. Oct.
Publ.: 1903, cover-t.p., p. [1]-17. *Copy*: B. – Reprinted and to be cited from Jahresber. Naturf. Ges. Emden 1901-1902: 49-65. 1903.

Bienert, Theophil (x-1873), Estonian botanist, Magister Dr. phil. University of Dorpat 1872. (*Bien.*).

HERBARIUM and TYPES: LE. – See Buchardt 1874 (flora of European and Asiatic Russia, coll. Claus, Bunge, Lehmann and Schrenk, Szovits, Kotschy and Buhse).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 184; BM 1: 162; CSP 9: 239; Hortus 3: 1188; IH 2: 74; Rehder 1: 223, 363; TR 128-133 (bibl.); Tucker 1: 83.

BIOFILE: Buchardt, (Apotheker), Bot. Zeit. 32(2): 32. 9 Jan 1874 (Herbarium "aus mehr als 8000 Arten [sic] bestehend" for sale); ÖBZ 24: 164. 1874 (id.).
Herder, F. v., Bot. Centralbl. 55(35): 296. 1893 (herb. at LE).

21.283. *Baltische Flora*, enthaltend die in Est-, Liv- und Kurland wildwachsenden Samenpflanzen und höheren Sporenpflanzen. Eine zur Erlangung der Magister-Würde verfasste und mit Bewilligung der Hochverordneten physico-mathematischen Facultät der Kaiserl. Universität zu Dorpat zur öffentlichen Vertheidigung bestimmte Abhandlung ... Dorpat (Druck von Heinrich Laakmann) 1872. Oct. (*Balt. Fl.*).
Publ.: 1872 (rd. by KNAW, Amsterdam Jan 1873), p. [i]-x, [xii], [1]-77. *Copies*: GOET(NSUB), KNAW.
Note: The first part of the *Flora* only; the author died 1873 and the second part was not published. See Trautvetter no. 132.

Biermann, Max (fl. 1896), German pharmacist at Bünde in Westphalia, Dr. phil. Bern 1896. (*Biermann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 2: 402; Tucker 1: 83.

21.284. *Beiträge zur Kenntnis der Entwicklungsgeschichte der Früchte von Citrus vulgaris* Risso und anderer Citrusarten. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der hohen philosophischen Fakultät der Universität Bern ... Minden (Gedruckt bei J.C.C. Bruns) 1896. Oct. (*Beitr. Entw.-Gesch. Fr. Citrus vulg.*).
Publ.: 1896, cover-t.p., p. [1]-52, *pl. 1-2* (uncol.). *Copies*: B, GOET(NSUB).

Biers, [Denis] Paul [M.] (1867-1929), French mycologist, Licencié es sciences naturelles, sometime employed by the "Cabinet du Ministre de l'Instruction publique" until 1905, assistant at the Muséum d'Histoire naturelle, Paris 1905-1929, collaborator with Louis Mangin. (*Biers*).

HERBARIUM and TYPES: PC (if any).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 184 (b. "1904" erroneous); Kew 1: 245; LS 31.164-31.165; LS suppl. 2673-2681.

BIOFILE: Allorge, P., Rev. bryol. ser. 2. 2(1): 62. 1929 (obit. not.).
Jovet-Ast, S., Bull. Soc. mycol. France 100: clxxxix-cxc. 1984 (b. 12 Mar 1867, d. 28 Feb 1929).

21.285. Curieux exemple de *superposition chez Boletus edulis* ... Paris (Au siège de la Société [mycologique de France] ...) 1911. Oct.
Publ.: 31 Dec 1911 (in journal), cover-t.p., p. [1]-5, *pl. 20* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Bull. Soc. mycol. France 27(4): 494-498, *pl. 20*. 1911.

21.286. Nouveaux cas de *superposition chez les champignons* ... Paris (Au siège de la Société [mycologique de France] ...) 1915. Oct.
Publ.: 1 Jul 1915 (in journal), cover-t.p., p. [1]-6, *pl. 1* (uncol. phot.). – *Copy*: L. – Reprinted and to be cited from Bull. Soc. mycol. France 31(1-2): 14-19, *pl. 1*. 1915.

21.287. *Le parasitisme probable des Coprins* ... Bulletin de la Société de Pathologie végétale de France ... Paris. 1919. Oct.
Publ.: Nov-Dec 1919 (in journal), cover-t.p., p. [1]-2. *Copy*: L. – Reprinted and to be cited from Bull. Soc. Pathol. vég. France 6(6): 159-160. Nov-Dec 1919.

Bigeard, René (1840-1917), French mycologist, grew up on the paternal farm, adjunct teacher 1861-1862 at Anost, from 1862 idem at Vendenesse-sur-Arroux, 1866 id. at Antully and at Mouthiers-en-Bresse from 1874, later at Nolay, active member of the Société mycologique de France from ca. 1884. (*Bigeard*).

HERBARIUM and TYPES: AUT.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 184; BL 2: 196; BM 1: 162; IH 2: 74; Kew 1: 245; LS 2963-2969, 31.174-31.179; LS suppl. 2691-2692; Stevenson p. 1236.

BIOFILE: Anon., Bot. Centralbl. 128(4): 112. 1915 (prix Jérome Ponti).
Garnier, G., Bull. Soc. mycol. France 100(2): cix-cx. 1984 (b. 27 Jun 1840, Anost, d. 16 Mar 1917).
Quincy, C., Bull. Soc. Sci. nat. Saône-et-Loire 37: 35-38, 40. 1911.

21.288. Société des Sciences naturelles de Saône-et-Loire. *Flore des Champignons supérieurs* du Département de *Saône-et-Loire*. Chalon-sur-Saône (L. Marceau, ...) 1898. Oct. (*Fl. Champ. Saône-et-Loire*).
Co-author: A. Jacquin (pharmacist at Chalon-sur-Saône).
Publ.: Mai-Jul 1898 (preface 17 Apr 1898, Nat. Nov. Aug (1) 1898), p. [i*-iii*], [i]-vi, [I]-LXVIII, 1-464, *4 pl. Copies*: L, NY.

21.289. *Petite flore mycologique* des champignons comestibles et vénéneuses à l'usage des débutants en mycologie, instituteurs, élèves des cours supérieurs, rentiers et de tous les amateurs des champignons ... Chalon-sur-Saône (E. Bertrand, ...) 1903. Oct. (*Petite fl. mycol.*).
Publ.: 1903, cover-t.p., p. [i]-viii, [1]-214. *Copies*: BR, NY.
Supplément: 1905 (Bull. Soc. bot. France Jan 1906), cover-t.p., p. [1]-16. *Copy*: NY.

21.290. *Flore des champignons supérieurs de France* les plus importants à connaître (comestibles et vénéneux) 1607 espèces ou variétés – 56 planches avec 486 figures (232 champignons et 254 schémas). Avec des conseils sur la conservation, les empoisonnements, la culture et des recettes culinaires à l'usage des débutants en mycologie, étudiants et élèves de toutes les écoles des professeurs, des instituteurs et de tous les amateurs de champignons ... Chalon-sur-Saône (E. Bertrand, ...) 1909. Oct. (*Fl. champ. sup. France*).
Co-author: Henri Guillemin (fl. 1909), Préface: [Jean Louis] Émile Boudier (1828-1920).
Publ.: 1909 (p. vi signed 26 Apr 1910, p. ix 1 Mai 1909; Bot. Centralbl. 27 Jul 1909, Hedwigia 6 Oct 1909), cover-t.p., p. [i]-xvi, [1]-600, *pl. 1-56* (in text, uncol. liths. Plassard). *Copy*: L.
Complément ou tome II: 1913 (Hedwigia 10 Dec 1913, ÖBZ Oct-Dec 1913), p. [i]-xx, [1]-791, *pl. 1-44* (id.). *Copy*: L. – *Flore ... France Complément ou tome II*. 2200 espéces ou variétés – 44 planches représentant 380 figures en noir (198 champignons et 182 coupes ou schémas) ... Préfaces de nos maîtres. Paris (Librairie des Sciences naturelles Paul Klincksieck. Léon Lhomme, successeur ... 1913). Oct.
Ref.: Vuillemin, P., Bot. Centralbl. 113(24): 627. 1910 (rev.).

***Bigelow**, Jacob (1787-1879), American botanist, physician and educator, born at Sudbury, Mass., A.B. Harvard College 1806, M.D. University of Pennsylvania 1810, began practicing

medicine 1810, professor of materia medica in Harvard 1815-1855, also physician to the Massachusetts General Hospital, president of the American Academy of Arts and Sciences 1847-1863. (*Bigelow*).

HERBARIUM and TYPES: Mainly at HH. – Further material at BUF, CGE, F, FI, G-DC, LE, MASS, MO, NY, P-DU, PH, US, WELC.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 469; Backer p. 66; Barnhart 1: 185; BM 1: 162; Bossert p. 38; CSP 1: 361; DAB 2: 255-256; Dawson p. 49; Hortus 3: 1188; IH 2: 74 (erroneously sub J.M. Bigelow); Jackson p. 6, 360, 362; Kelly p. 120-128; Kew 1: 245; Lasègue p. 540; Lenley p. 447 (corr. Torrey); ME 1: 165, 3: 373, 376, 377-378, 538; NI 164; Plesch 411; PR 772-773, ed. 1: 873-875; Rehder 5(index): 84-85; TL-2/1: 213-214 and see indexes; Tucker 1: 83-84; Urban-Berl. p. 330; Zander ed. 10, p. 635, ed. 11, p. 722, 747.

BIOFILE: Allis, F.S., Jr. et al., Medicine in colonial Massachusetts 1620-1820. 388 (index). 1980.
Bailey, L.H., Bot. Gaz. 8: 217-222. 1883.
Barnhart, J.H., Bartonia 16: 21. 1934.
Buchheim, G., J. Arnold Arb. 55: 46-50. 1974 (study of B's American medical botany, detailed collation).
Darlington, W., Reliq. Baldwin. 114, 117, 153, 190, 193, 284. 1893.
Dawson, W.R., The Smith papers 14. 1934 (6 letters to J.E. Smith); Banks 49. 1958 (letter by Banks to B.).
Ellis, G.E., Memoir of Jacob Bigelow. Cambridge, Mass. 1800, 105 p.
Fernald, M.L., Proc. Amer. Philos. Soc. 86(1): 67-71. 1942.
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Graustein, J.E., Thomas Nuttall 461 (index, numerous entries). 1967.
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Gray, J.L., Letters A. Gray 284, 288, 558, 685. 1893.
Greene, E.C., Pittonia 2: 91-96. 1890 (on *Florula Boston.* ed. 2. 1824).
Greene, J.C., Amer. science in the age of Jefferson, Ames, Iowa 1984 (see index p. 465).
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Humphrey, H.B., Makers of N. Amer. Bot. 30-31. 1961.
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Leroy, J.F. et al., Bot. franç. Amer. nord. 67, 139, 140. 1957.
Mears, J.A., Proc. Amer. philos. Soc. 122(3): 160. 1978, 133: 145. 1981 (colls. at PH).
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Pease, A.S., Fl. N. Hampshire 33, 34. 1964.
Rix, M., The art of the botanist 132. 1981.
Rodgers, A.D., John Torrey 84, 88, 128, 135, 260. 1942.
Russell, Foster M., Mount Auburn biographies 17-18. s.d.
Sprengel, K., Neue Entd. Pflanzenk. 1: 386-393. 1820 (review of B's *Amer. med. bot.*).
Stieber, M.T. et al., Huntia 4(1): 52. 1981 (mss. at Hunt Library).
Waller, A.E., Papers Dept. Bot., Ohio State Univ. 449: 313-314. 1942 (sic in biogr. of J.M. Bigelow).
Wolfe, R.J., Jacob Bigelow's American medical botany 1817-1821, Boston, Mass. 1979, 123 p. (add. lit. on TL-2/514).

HANDWRITING: Bartonia 28: *pl. 2.* 1957; [H.M. Burdet *in*:] Candollea 27(2): 321-322. 1972.

21.291. *Facts serving to shew the comparative forwardness of the spring* in different parts of the United States ... Cambridge (University Press ... Hilliard and Metcalf) 1818. Qu.
Publ.: 1818, p. [1]-11. *Copy*: G. – Reprinted and to be cited from Mem. Amer. Acad. Arts Sci. 4: 77-85. 1818. – Abstracts in Amer. J. Sci. Arts 1: 76-77. 1818 and Ann. Chimie 10: 239-240. 1819.

21.292. *A treatise on the materia medica* intended as a sequel to the pharmocopoeia of the United States: being an account of the origin, qualities and medical uses of the articles and compounds, which constitute that work, with their modes of prescription and administration ... Boston (published by Charles Ewer, ...) 1822. Oct. (*Treatise mat. med.*).
Publ.: 1822, p. [1]-424. *Copy*: U.
Ref.: Lubrecht, H., Early Amer. bot. works no. 16. 1967.

21.293. *Nature in disease*, illustrated in various discourses and essays. To which are added miscellaneous writings, chiefly on medical subjects ... Boston (Ticknor and Fields) 1854. Oct. (*Nat. disease*).
Publ.: Nov-Dec 1854 (p. v, preface dated 1 Nov 1854), p. [i]-viii, [1]-357. *Copy*: n.v.
Reprint: 1977, p. [1-10], [i]-viii, [1]-357. *Copy*: U. – With an Introduction by Lawrence A. May, ... distributed by Dabor Science Publications, Oceanside, NY 11572.

***Bigelow, John Milton** (1804-1878), American surgeon and botanist, attended Medical College of Ohio, Cincinnati, graduated 1832, practising physician from 1832 e.g. in Lancaster, Ohio, surgeon to the Mexican Boundary Commission 1850, surgeon and botanist to the expedition of the Pacific Railroad Survey under Lieutenant A.W. Whipple (from Fort Smith, Arkansas to San Pedro, California 1853), collected further in California 1853, returned to eastern North America 1853 (c.q. 1854) and took up his practice in Lancaster, Ohio, removed to Detroit ca. 1860-1861 as professor of botany and pharmacy at Detroit Medical College, from 1868 surgeon to the Marine Hospital in Detroit. (*J.M. Bigelow*).

HERBARIUM and TYPES: BM, HH, K, MO, NY, PH (large set), US, WELC. – Correspondence with Torrey at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 185; BL 1: 206-207; BM 1: 162; Ewan ed. 1: 64, 164, 335, ed. 2: 19; IH 2: 74; Kew 1: 245; ME 1: 165, 3: 194, 538; Rehder 1: 320, 4: 77; TL-2/1: 214; Tucker 1: 84, 251.

BIOFILE: Brewer, W.H., *in* S. Watson, Bot. Calif. 2: 556. 1880.
Dellenbaugh, F.S., Frémont and '49. 507 (index). 1914.
Ewan, J., Rocky Mountain naturalists 164. 1950; A century of progress in the natural sciences 44. 1955.
Ewan, J. et al., Short hist. bot. U.S. 10, 43, 148. 1969.
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Jaeger, E.C., Source-book names terms ed. 3. 308. 1966.
Jepson, W.L., Erythea 8: 102-104. 1938, Madroño 16(6): 179-183. 1962 (biogr. sketch, b. Pern, Vermont, 23 Jun 1804, d. Detroit 18 Jul 1878).
Knobloch, I.W., The plant collectors of N. Mexico, Latin American Studies Center, Monogr. Ser. 17, Michigan State Univ. Jun 1979, p. 5; Phytologia Mem. 6: 8. 1983 (plant coll. in Mexico, references).
Rodgers, A.D., William Starling Sullivant 232, 234. 1940; John Torrey 336 (index). 1942.
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Steere, W.C., Bot. Rev. 43: 289. 1977.
Stuckey, R.L., Taxon 32: 328. 1983.
Thomas, J.H., Contr. Dudley Herb. 5(6): 149. 1961; Huntia 3: 15. 1969 (explor.).
Voss, E.G., Botanical beachcombers, Contr. Univ. Michigan Herb. 13: 56-58, 78 (see note). 1978 (further references).
Waller, A.E., Papers Dept. Bot., Ohio State Univ. 449: 313-331. 1942 (reprinted from Ohio archeol. hist. Quart. 51: 313-331. 1942 (to be used with caution).
Warren, G.K., Pacific Railroad Survey 11: 76-78. 1859 (itin.).

COMPOSITE WORKS: (1) With G. Engelmann as senior author: *Description of the Cactaceae*, see TL-2/1691.
(2) With A. Hor(r), *Florula lancastriensis* 1841, see TL-2/3054.

***Bigsby, John Jeremiah** (1792-1881), British physician and geologist, studied medicine in St. Andrews and Edinburgh, M.D. Edinburgh 1814, resident physician in the Edinburgh infirmary 1814, entered the medical department of the army 1816, army medical officer at the Cape 1817, medical officer to a German Rifle Regiment in the English service, ordered as such to Canada ca. 1818, ca. 1819 exploring Upper Canada to report on its geology, subsequently visiting the N.E. United States, about 1824 appointed British secretary and medical officer to the Canadian Boundary Commission, returned to England 1827 practising as physician at Newark until 1846, from then on living in London. (*Bigsby*).

HERBARIUM and TYPES: Part of his Canadian collections in BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 185 (b. 14 Aug 1793, d. 10 Feb 1881); BB p. 32; BM 1: 162; CSP 1: 363, 6: 589, 7: 172; Desmond p. 64; DNB 5: 27; Jackson p. 178, 179, 522; Kew 1: 245; ME 1: 165, 3: 538 (index); Merrill p. 265, 690; Quenstedt p. 39; TL-2/1: 214.

BIOFILE: Anon., Geol. Mag. ser. 2. 2(8): 238. 1881 (obit.); J. Bot. 19: 96. 1881; Proc. Roy. Soc. London 33: xvi-xvii. 1882 (obit.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 240.16. 1980.
Clarke, J.M., James Hall of Albany 347-348, 398, 430-438. 1923.
Etheridge, R., Quart. J. Geol. Soc. London 37(Proc.): 39-41. 1881.
Sherborn, C.D., Where is the .. collection 17. 1940.
Woodward, H.B., Hist. Geol. Soc. London 77, 252 (portr.), 326. 1907.

Bijhouwer, Jan Tijs Pieter (1898-1938), Dutch agriculturist, studied at the Agricultural College, Wageningen, Dr. agr. 1926, Rockefeller fellow at the Arnold Arboretum 1927-1928, landscape architect from 1928, again in Massachussets 1928-1929, living in Rotterdam 1930-1933. (*Bijh.*).

HERBARIUM and TYPES: WAG (1600, mainly from N. America and Cuba).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 185 (b. 15 Nov 1898); IH 2: 74; Kew 1: 245.

21.294. *Geobotanische studie van de Berger duinen.* Proefschrift ter verkrijging van den graad van doctor in de landbouwkunde aan de Landbouwhoogeschool te Wageningen, ... te verdedigen op Dinsdag 28 September 1926, ... Deventer (Boek-en Steendrukkerij "De IJsel") [1926]. Oct. (*Geobot. stud. Berger duinen*).
Publ.: 28 September 1926 (date of defense thesis), cover-t.p., p. [1]-202, [203], theses loose [1-3]. *Copy*: U.

Bilancioni, Guglielmo (1881-1935), Italian botanist. (*Bilancioni*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 331; Kew 1: 245; LS suppl. 2738.

21.295. *Dizionario di botanica generale.* Istologia, anatomia, morfologia, fisiologia, biologia vegetale. Appendice biografie di illustri botanici ... Milano (Ulrico Hoepli ...) 1906. Oct. (*Dizion. bot. gen.*).
Publ.: Jan-Mai 1906 (Nat. Nov. Jun (1) 1906, Bot. Zeit. 16 Aug 1906), p. [i]-xx, [xxi], [1]-926. *Copies*: L, MO.
Ref.: Jackson, B.D., J. Bot. 44: 283-284. 1906 (rev.).

Billerbeck, Julius Heinrich Ludwig (1772-1838 or later), German highschool teacher, classicus and botanist at Hildesheim. (*Billerbeck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 186 (b. 24 Dec 1772); BM 1: 163; Jackson p. 21; Kew 1: 246; PR 776, ed. 1: 879; Rehder 1: 514; Tucker 1: 84.

BIOFILE: Baillon, H.E., Dict. bot. 1: 420. 1877.

21.296. *Flora classica* ... Leipzig (J.C. Hinrichssche Buchhandlung) 1824. Oct. (*Fl. class.*).
Publ.: 1824 (p. viii: 29 Apr 1824), p. [i]-viii, [1]-285, [286]. *Copy*: L.
Reprint: 1972, p. [i*, identification reprint], [i]-viii, [1]-285, [286]. *Copy*: U. – Publ. by Dr. Martin Sändig, 6229 Walluf bei Wiesbaden, facsimile reprint. ISBN 3-500-24030-5.
Ref.: E.M., Gött. gelehrte Anz. 48: 479-480. 24 Mar 1825 (rev.).

Billing, Otto (1867-?), German (Sachsen - Weimar) pharmacist, educated at the Jena Gymnasium, training for pharmacist from 1886, first pharmaceutic examination in Metz, stages at pharmacies in Lunden, Lichtenfels and Kaltenkirchen, active military service 1889-1890, studied pharmacy in München 1893-1894 and Kiel 1894-1896, final state pharmaceutical examination 1895, working on a botanical thesis at Kiel 1895-1897, student with Johannes Reinke, Dr. phil. Kiel 1897. (*Billing*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 186; GR p. 63; LS 2974.

21.297. *Untersuchungen* über den Bau der Frucht bei den *Gallertflechten und Pannariaceen.* Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Christian-Albrecht-Universität zu Kiel ... Kiel (Druck von Schmidt & Klaunig) 1897. Oct. (*Unters. Gallertflecht. Pannariac.*).
Publ.: Jul-Sep 1897 (Examen rigorosum (before promotion), Bot. Zeit. 1 Oct 1897, Nat. Nov. Oct (2) 1897, Bot. Centralbl. 27 Oct 1897), cover-t.p., p. [1]-38, [39, vita], [40, theses]. *Copies*: B, GOET(NSUB), L.

Billings, Frederick Horatio (1869-?), American (Chicago born) botanist, assistant professor of natural science at Pomona College 1891-1893, studied at Stanford University, A.B. 1896, id. Harvard University, A.M. 1897, Dr. phil. München 1901, professor of botany Louisiana 1901-1907, associate professor Kansas 1907-1913, professor of bacteriology id. 1913-1917, idem at Redlands from 1921. (*F.H. Billings*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 187 (b. 26 Mai 1896); LS 2968.

BIOFILE: Anon., Nat. Nov. 29: 482. 1907 (appt. prof. Lawrence, Kansas); Amer. men Sci. ed. 4. 83. 1927 (also in eds. 2, 3, 5-8).
Castellanos, A. and R.A. Perez-Moreau, Lilloa 6: 129. 1941.
Ewan, J., Southw. Louisiana J. 7(1-4): 39. 1967 (publ. Erythrina).
Karsten, G., Bot. Zeit. 62(24): 375-376. 16 Dec 1904 (rev. of *A study of Tillandsia usneoides*, Bot. Gaz. 38: 99-121, *4 pl.* 1904).

21.298. *Beiträge zur Kenntniss der Samenentwicklung* ... Inaugural-Dissertation zur Erlangung der Doctorwürde bei der hohen philosophischen Facultät der Kgl. Bayer. Ludwig Maximilians-Universität zu München ... München (Druck von Val. Höfling, ...) 1901. Oct. (*Beitr. Kenntn. Samenentw.*).

Publ.: 20 Mai 1901 (date in journal, mss. closed Feb 1901; Nat. Nov. Jan (2) 1902), p. [1]-68. *Copy*: GOET (NSUB). – Preprinted from Flora 88(3): 253-318. 1901.

Billings, William Dwight (1910-x), American botanist, studied at Butler University, A.B. 1933, at Duke University A.M. 1935 and Ph.D. 1936, instructor in botany at the University of Tennessee 1937-1938, at the University of Nevada as an instructor in biology 1938, id. head of the Dept. of Botany 1949-1952, at the Duke University, Durham N.C. as professor of botany 1952. (*W.D. Billings*).

HERBARIUM and TYPES: RENO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 187 (b. 29 Dec 1910, Washington, D.C.); IH 2: 74.

BIOFILE: Anon., Amer. men women Sci., Biol. 66. 1977.

NOTE: (1) With B.R. Strain editor of *Vegetation and environment*, Handbook of vegetation Science no. 6, viii, 194 p., 9 tables. Den Haag 1974.

21.299. *Winter key to the trees of Eastern Tennessee* ... Journal Southern Appalachian Botanical Club ... 1937. Oct.
Co-authors: Roi Franklin Cain (b. 1902), and William Brooks Drew (b. 1908).
Publ.: Mar 1937 (date in journal), p. [29]-44. *Copy*: BKL. – Reprinted and to be cited from J. South. Appalachian bot. Club 2: 29-44. 1937.

Billington, Cecil (1876-1950), American botanist, honorary curator at the Herbarium of the University of Michigan and assistant botanist at the Cranbrook Institute of Science, born and died at Detroit, Michigan, sometime living at Birmingham, Michigan. (*Billington*).

HERBARIUM and TYPES: MICH and US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 187 (b. 30 Jun 1876); BL 1: 189, 286; IH 2: 74; Kew 1: 246.

BIOFILE: Frodin, D.G., Guide Standard Floras World no. 155(125a). 1984.
Hunt Institution, Biogr. dict. bot. portr. coll. 39. 1972 (d. 17 Mar 1950, Detroit, Mich.).

OUTSIDE OUR PERIOD: *Shrubs of Michigan*, Cranbrook Inst. Sci. Bull. 20: 1-249. 1943.

21.300. The *flowering plants* and ferns of *Warren Woods*, Berrien County, Michigan ... 1925. Oct.
Publ.: 1925, *in* Pap. Mich. Acad. Sci. 4(1): 81-110, map, *pl. 9-11*. 1925, fide BL 1: 189.

21.301. The *flora* of recently exposed shoal, *Whitney Bay*, Drummond Island, Michigan ... Papers of the Michigan Academy of Science, Arts and Letters ... 1927. Oct.
Publ.: 1927, p. 51-58, *pl. 1* (uncol. phot.), map on p. 53. *Copy*: L. – Reprinted and to be cited from Pap. Mich. Acad. Sci. 8: 51-58. *pl. 1*. 1927.

21.302. The *vegetation of Cranbrook Lake Bottom* ... Cranbrook Institute of Science ... 1938. Oct. (*Veget. Cranbrook Lake Bottom*). Oct.
Publ.: Mar 1938 (date on cover-t.p.), cover-t.p., p. [1]-20, *pl. 1* (2 phot., uncol.). *Copy*: L. – Issued as Bull. 11, Cranbrook Institute of Science, Bloomfield Hills, Michigan.

***Billot, Paul Constantin** (1796-1863), Alsatian botanist educated at the Collège de Pont-à-Mousson 1807-1813, at the imperial Lyceum in Strassbourg 1813, sometime in the trade, e.g. that of the hop-culture, inspector of the bridges and roads at Hagenau 1813-1834, turned to science, Bachelier-ès-lettres and Bachelier-ès-sciences 1834, from then on teacher, later professor of natural sciences at Hagenau 1834-1861. (*Billot*).

HERBARIUM and TYPES: See TL-2/1: 215-216 for his exsiccatae (*Flora Galliae et Germaniae exsiccata* 1846-1866, after his death continued by Vital Bavoux et al.). Sets at AUT, B, BHV, BM, BORD, BR, CGE, DBN, FI, G, GE, HAL, HEID, JE, L, M, MANCH, MASS, MPU, NTM, OXF, P, RO, S, TCD, WAG and at the Pfalzmuseum für Naturkunde, Bad Dürckheim.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 61; Barnhart 1: 187; BM 1: 163; Bossert p. 39; Clokie p. 132; CSP 1: 366; DTS 1: 21-22; Frank 3(Anh.): 11; GR p. 305-306; Hortus 3: 1188; IH 2: 75; Jackson p. 227; Kew 1: 246; LS 2983; PR 777; Rehder 1: 349; TL-2/1: 215-216 and see indexes; Tucker 1: 84, 523; Urban-Berl. p. 330.

BIOFILE: Anon., ÖBZ 13: 238 ("337") 1863 (d. 19 Apr 1863); Flora 46: 255. 1863.
B., Bot. Zeit. 21(34): 251. 1863 (continuation of the *Flora Galliae et Germaniae exsiccata* by Bavoux and Pailloux).
Bay, J.C., Flora Gesamt-Reg. 26-100: 4. 1910.
Buchenau, F., Bot. Jahrb. 7: 156. 1885 (on identification of B's exsicc.).
Candolle, Alph. de, Phytographie 396. 1880.
Cosson, E., Comp. fl. atl. 1: 21-22. 1881 (on B's *Herbarium Fontanesianum* normale).
Cosson, E. and M.C. Durieu, Expl. Sci. Algérie, Bot. 2: xxi. 1868 (id.).
Duval-Jouve, J., Bull. Soc. bot. France 10: 214-217. 1863 (detailed obit., reproduced also an obit. originally published by the Courier Bas-Rhin of 21 Apr 1863).
Fournier, E., Bull. Soc. bot. France 11(Bibl.): 143-144, 192. 1864 (on exsicc.), *in* H.E. Baillon, Dict. bot. 1: 420. 1877.
Hedge, I.C. and J.M. Lamond, Index Coll. Edinburgh herb. 60. 1970.
Salmon, C.E., J. Bot. 66: 107-113. 1928 (bibl. note on the *Arch. fl. de France Allem.*, see also TL-2/11. 293).
Schlechtendal, D.F.L. von, Bot. Zeit. 21: 156, 251-252. 1863 (obit.), 23: 56-59. 1857 (rev. first part 56 p., *Annot. fl. France Allemagne*).
Werner, R.G., Bull. Acad. Soc. Corr. Sci., Nancy 6(2): 102. 1966.
Wittrock, V.B., Acta Horti Berg. 3(3): 96. 1905 (on portr.).

HANDWRITING: Wiss. Z. Humboldt-Univ. Berlin, Math.-Nat. 19: 298. 1970.

Bingham, Marjorie T. (fl. 1939-1945), American botanist at the Cranbrook Institute of Science, Bloomfield Hills, Michigan, research with botanical survey of Oakland Co., Mich. and id. Bois Blanc Island, Mich., vice president of the Detroit Academy of Natural Sciences. (*M.T. Bingham*).

HERBARIUM and TYPES: MICH (?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 188 (married Burton F. Bingham).

OUTSIDE OUR PERIOD: (1) *Flora of Oakland County, Michigan*, Bull. 22, Cranbrook Institute of Sience, Bloomfield Hills, Mich. 1945, p. [1]-155, 1945; see also A. Cronquist, J. New York Bot. Gard. 47(553): 19. Jan 1946.

21.303. *Orchids of Michigan* ... Cranbrook Institute of Science ... 1939. Oct. (*Orch. Mich.*). *Publ.*: Mar 1939 (date on cover-t.p.), cover-t.p., p. [1]-6, frontisp. col., 7-87. *Copies*: HH, L. – Issued as Bull 15, Cranbrook Institute of Science, Bloomfield Hills, Michigan.

***Binnendijk, Simon** (1821-1883), Dutch gardener, trained in the Leiden Hortus botanicus by de Vriese, assistant curator in the Botanic garden at Buitenzorg (Bogor) 1850-1869, curator ib. 1869-1883, collected in Java, Borneo, and the Moluccas, published with J.E. Teijsmann. (*Binn.*).

HERBARIUM and TYPES: BO, K. – For further details see SK 1: 58.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 68; Barnhart 1: 188; BM 1: 164; CSP 1: 372, 6: 589, 7: 474, 8: 1066; Hortus 3: 1188; IH 2: 75; JW 2: 185, 3: 342; Kew 1: 246; MW p. 493; RS p. 75; SK 1: 58 (major source), 4: 53, 86; TL-2/1: 216-217 and see indexes (esp. 6: 202-204); Tucker 1: 85; Zander ed. 10, p. 635, ed. 11, p. 722.

BIOFILE: Sirks, M.J., Indisch natuuronderzoek 235 [index]. 1915.
Steenis, C.G.G.J. van, Fl. males. Bull. 3: 70. 1948 (on the "Catalogus").
Veendorp, H. and L.G.M. Baas-Becking, Hortus acad. lugd.-bat. 162, 173, 174. 1938.
Witte, H., Sempervirens 1884: 3-5.

NOTE: For Teijsmann et Binnendijk, *Catalogus van 's Lands Plantentuin* 1854 see under Teijsmann, TL-2/13.868. – A.J.G.H. Kostermans informed us on 16 Mai 1989 that of this catalogue only a single original is conserved in the National Agriculture Library in Bogor (Bibliotheca Bogoriensis). A photocopy is deposited in L.

***Binney, Edward William** (1812-1881), British solicitor and palaeobotanist in Manchester, one of the founders of the Manchester Geological Society, president 1857-1859 and 1865-1867. (*Binney*).

COLLECTIONS: University of Cambridge, England.

BIBLIOGRAPHY and BIOGRAPHY: Andrews ed. 1. 19, ed. 2. 239; Barnhart 1: 188 (d. 19 Dec 1881); BB p. 33; BM 1: 164; CSP 1: 372-373, 6: 589, 7: 174-176, 9: 243-244, 13: 562; Desmond p. 64; DNB 5: 56-57; Jackson p. 184; Kew 1: 246; Quenstedt p. 40; TL-2/1: 217; Tucker 1: 85.

BIOFILE: Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 240.124. 1980.
Dallman, A.H. and H.H. Wood, Trans. Liverpool Bot. Soc. 1: 60. 1909.
Etheridge, R., Quart. J. Geol. Soc., Proc. 38: 58-59. 1882.
Oliver, D., Makers Brit. bot. 245-246. 1913.
Ward, L.F., Annual Rep. U.S. Geol. Surv. 5: 374-375. 1885.
Zittel, K.A. von, Gesch. Geol. Paläont. 781. 1899.

***Binz, August** (1870-1963), Swiss teacher and botanist, studied at the University of Basel, Dr. phil. Zürich 1892, highschool teacher in Glarus and Basel, in charge of the herbarium of the Botanical Institute of the University of Basel from 1898-1957. (*Binz*).

HERBARIUM and TYPES: BAS.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 936, 12(3): 230; Barnhart 1: 188; BFM 585, 947, 987, 998; BL 2: 557, 567, 568, 587; BM 6: 92; CSP 13: 563; Hegi 6(2): 1316; IH 2: 75; Kew 1: 247; TL-2/1: 217-218; Tucker 1: 85, 766.

BIOFILE: Becherer, A., Le monde des plantes 58(340): 10. 1963; Ber. Schweiz. bot. Ges. 74: 164. 1974.
Fuchs, H.P., Bull. Murith. 109: 121-122. 1991 (biogr., bibl., b. 8 Dec 1870, Basel, d. 7 Mar 1963, Basel).
Geiger-Huber, G.M., Baseler Nachrichten 103. 7 Mar 1863, p. 17-18 (obit., b. 8 Dec 1870 [err. as 1872], d. early Mar 1963).

NOTE: Binz's *Flore de la Suisse* was replaced in 1989 by "Le nouveau Binz" *Flore de la Suisse* et des territoires limitrophes by David Aeschiman and Hervé M. Burdet, liv, 597 p. – See TL-2/523.

21.304. *Beiträge zur Morphologie und Entstehungsgeschichte der Stärkekörner.* Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde der hohen philosophischen

Facultät der Universität Zürich ... München (Buchdruckerei von Val Höfling, ...) 1892. Oct. (*Beitr. Morph. Stärkekörn.*).
Publ.: before 7 Dec 1892 (theses mostly preprinted), cover-t.p., p. [1]-60, *pl. 5-7* (*5-6* col. liths., *7* uncol. lith. by author). *Copy*: B. – Preprinted from Flora 76: 34-91, *pl. 5-7*. 1892.

21.305. *Nachträge zur "Flora der Schweiz"* von Schinz und Keller, II. Auflage (1905) ... Extrait du Bulletin de l'Herbier Boissier ... 1906. Oct.
Publ.: 31 Oct 1906 (in journal), p. [932]-934. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 6(11): 932-934. 1906. – For Schinz and Keller, *Fl. Schweiz*, see TL-2/10.714.

21.306. *Das Binnental und seine Flora* ... Basel (Buchdruckerei Franz Wittmer) [1908]. Qu. (*Binnental Fl.*).
Publ.: 1908 (Nat. Nov. Dec (2) 1908), cover-t.p., p. [1]-46, 1 col. map. *Copies*: B, G, MO. – Reprinted from Ber. Realschule Basel 1907/08: 1-47, 1 col. map. 1908. – Several copies of the reprint lacking the cover-t.p. with the Basel imprint. The date 1908 is written on the copy at G sent by Binz to E. Burnat.
Follow-up: Les plantes du Binnental in Léon Desbuissons, La Vallée du Binn (Valais) ... p. 291-310, Lausanne 1909 (fide BL 2: 587).

21.307. *Die Herbarien der botanischen Anstalt Basel* ... Separatabdruck aus den Verhandlungen der Naturforschenden Gesellschaft in Basel ... [1908]. Oct.
Publ.: 1908 (in journal), p. [i], [137]-155. *Copies*: FAS(B), G. – Reprinted and to be cited from Verh. naturf. Ges. Basel 19(3): 137-155. 1908.

Bioret, Georges Félix Marie (1880-1957), French clergyman, algologist and lichenologist, student of abbé Hy, Dr. Sci. Paris 1921, canon 1921, professor of botany at the Faculté libre des Sciences, Catholic University at Angers. (*Bioret*).

HERBARIUM and TYPES: ANGUC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 188; GR p. 306 (our major source); LS suppl. 2754-2756.

BIOFILE: Prescott, G.W., Bibl. Desmid. Univ. 54. 1984.

21.308. *Contribution* à l'étude de l'*apothécie* chez les *Graphidées* ... Extrait de la Revue générale de Botanique ... 1914. Oct.
Publ.: 1914, cover (identif.), p. [1]-4, *pl. 6* (col.). *Copy*: B. – Reprinted and to be cited from Rev. gén. Bot. 26: 249-252, *pl. 6*. 1914.

21.309. *Les Graphidées corticoles* [étude anatomique et biologique] ... Paris (Masson & Cie, éditeurs ...) [1921]. Oct.
Publ.: 1921, cover-t.p., p. [1]-71, *pl. 1-11* (col. and uncol.). *Copy*: B. – Reprinted and to be cited from Ann. Sci. nat. Bot. ser. 10. 4: 1-71, *pl. 1-11*. 1921. – Thesis for Dr. phil. at the Université catholique d'Angers.

21.310. *Revue des travaux parus sur les lichens* de 1910 à 1919 ... Extrait de la Revue générale de Botanique ... 1921. Oct.
Publ.: 1921, cover (identif.), p. [1]-74. *Copy*: B. – Reprinted and to be cited from Rev. gén. Bot. 23: 63-76, 146-160, 210-220, 264-272, 328-336, 372-396. 1921.

21.311. *Le plancton de l'Étang Saint-Nicolas* ... Angers (Société anonyme des éditions de l'Ouest ...) 1926. Oct. (*Planct. Étang Saint-Nic.*).
Publ.: Nov 1926 (printer's mark p. 31), cover-t.p., p. [i-ii], [1]-31. *Copy*: B. – Reprinted or

preprinted from Bull. Soc. Étude sci. Angers ser. 2. 55: 45-75. 1926. The reprint/preprint was issued in Trav. Lab. Bot. Univ. Cath. Angers no. 1. 1926.

21.312. *Catalogue des algues inférieures de l'Anjou* ... [Angers (Soc. an. des Éditions de l'Ouest ...) 1931]. Oct.
Publ.: Jul 1931 (printer's mark on p. 16), p. [1]-16. *Copy*: B. – Reprinted and to be cited from Bull. Soc. Étude sci. Angers ser. 2. 60: 33-48. 1931.

Birge, Willie I. (fl. 1911), American botanist, sometime graduate assistant in botany at the University of Texas. (*Birge*).

HERBARIUM and TYPES: Unknown.

21.313. The *anatomy* and some biological aspects of the "Ball Moss", *Tillandsia recurvata* L. ... Austin, Texas (published by the University of Texas) 1911. Oct.
Publ.: 8 Aug 1911 (date on cover-t.p.), cover-t.p., p. [1]-24, *pl. 1-10* (uncol. phot. and draw.) *Copy*: BKL. – Reprinted and to be cited from Bull. Univ. Texas 194: 1-24, *pl. 1-10*. 1911.

Birger, Selim Birger Gotthard (né Andersson) (1879-1931), Swedish (Skåne) botanist, studied at a highschool ("gymnasium") in Lund, grad. 1897, studied medicine at the University of Lund (med.-filos. exam. 1899), continued his studies at the Stockholm Karlinska Institut, med. cand. 1904, med. lic. 1909, practised further at St. Görans hospital in Stockholm and in various clinics in Vienna, from 1911 private practising physician in Stockholm, active field botanist, visited the Falkland Islands in 1904. (*Birger*).

HERBARIUM and TYPES: S (orig. herb), dupl. A, B, GB, LD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 189 (d. 17 Oct 1931); BJI 2: 13-14; BL 1: 89, 2: 524, 531, 532, 535; GR p. 437; IH 2: 75; Kew 1: 249; KR p. 84-86 (b. 13 Feb 1879); LS suppl. 2766; Nordstedt suppl. p. 4; Urban-Berl. p. 294, 330.

BIOFILE: Almborn, O., Bot. Not. 133: 458. 1980.
Anon., Bot. Not. 1907: 26, 1933: 52, 57;
Birger, S., Vegetation bei Port Stanley auf den Falklandinseln, Bot. Jahrb. 39(2): 275-305. 1906.
Fries, R.E., Short hist. bot. Sweden 44, 72, *pl. 2*. 1950.
Hesselman, H., Sv. bot. Tidskr. 27(1): 131-135. 1933 (obit., portr.).
Lundqvist, Å., Sv. bot. Tidskr. 75(5): 307, 308, 310. 1981.
Malmström, H.A., Sv. bot. Tidskr. 27(1): 136-140. 1933 (bibl.).
Sylvén, N., Bot. Not. 1934: 150-154 (obit., portr.).
Wittrock, V.B., Acta Horti Berg. 3(3): 6. 1905 (on portr.).

NOTE: Brother of Carl Filip Gunnar Andersson (1865-1928), see TL-2/1: 45 and suppl. 1: 112-115, KR p. 30-35.

COMPOSITE WORKS: (1) With Carl Filip Gunnar Andersson (1865-1928), *Den norrländska florans geografiska fördelning* ... Uppsala 1912, viii, 416 p. – *German*: *Die geographische Verteilung und die Einwanderungsgeschichte der nordskandinavischen Flora*, Bot. Jahrb. 51: 502-593, *pl. 3-4*. 1914 (extract). – KR p. 35, no. 58.
(2) With G. Andersson, *in* G. Andersson et al., *Stockholms växter*, G. Andersson and S. Birger, *Några huvuddrag i Stockholmstraktens naturförhållunden* p. xxxii-xli. 1914.

21.314. *Vegetationen och floran i Pajala socken* med Muonio kapellag i arktiska Norrbotten ... Arkiv för Botanik ... [1904]. Oct. (*Veg. fl. Pajala socken*).
Publ.: 22 Sep 1904 (date of printing on p. 117; Nat. Nov. Dec (1) 1904), p. [1]-117, *pl. 1-7*. *Copies*: U; IDC 8562, mf. 15-17. – Issued as Ark. Bot. 3(4). 1904. – For further details see BL 2: 535, KR no. 3.

Tillägg till Pajala sockens flora [Additions]: 2 Apr 1907 (in journal), cover (identif.), p. 69-73. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1907: 69-73.

21.315. De 1882-1886 mybildade *Hjälmaröarnas vegetation* ... Arkiv för Botanik ... 1905. Oct. (*Hjälmaröarnas veg.*).
Publ.: 30 Dec 1905 (in journal), p. [1]-52, *11 pl.*, 1 map. *Copies*: U; IDC 8562, mf. 29-20. – Issued as Ark. Bot. 5(1). 1905. – See also Skogsvårdsf. Tidskr. Årg. 3: 445-446. 1905. – For further details and supplementary articles see BL 2: 535.
German translation: 21 Dec 1906 (in journal), cover (identif.), p. [i, recto of 212], [212]-232, *pl. 1-2*. *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 38(3): 212-232, *pl. 1-2*. 1906.
Ref.: Hesselman, H., Bot. Zeit. 64(20): 308-310. 16 Oct 1906 (rev.).

21.316. *Bidrag till Hälsinglandsflora* ... Botaniska Notiser ... 1906. Oct.
Publ.: 31 Mar 1906 (date on p. 96 of journal), p. [81]-84. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1906: 81-84.

21.317. *Die Vegetation bei Port Stanley* auf den Falklandinseln ... [Sonderabdruck aus Engler's Botanischen Jahrbüchern ... 1906]. Oct.
Publ.: 8 Jun 1906 (in journal), cover (identif.), p. [275]-305, *pl. 1-2* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 39(2): 275-305, *pl. 1-2*. 1906.

21.318. *Om Tuber Saleb* ... Om Salepröttemas slemceller ... Arkiv för Botanik ... [1907]. Oct.
Publ.: 29 Jan 1907 (or a few days later; as Ark. Bot. 6(13), date of printing on p. 13, issued as Ark. Bot. 6(13) [*in Häftet 3-4*] 7 Sep 1907), p. [1]-13. *Copies*: U; IDC 8562, mf. 40.

21.319. *Über endozoische Samenverbreitung durch Vögel* ... Särtryck ur Svensk Botanisk Tidskrift ... 1907. Oct.
Publ.: 1907 cover-t.p., p. [1]-31, 1 chart. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 1(1): 1-31, 1 chart. 1907.

21.320. *Rügen* som exkursionsort för svenka botanister ... Särtryck ur Svensk Botanisk Tidskrift ... 1907. Oct.
Publ.: early 1908, cover-t.p., p. [364]-372. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 1(4): 364-372. 1908 ["1907"].

21.321. *Om Härjedalens Vegetation* ... Arkiv för Botanik ... 1908. Oct.
Publ.: 25-30 Sep 1908 (25 Sep 1908 date of printing, issued with nos. 11-14 of vol. 7 of journal on 30 Sep 1908), p. [1]-136, *pl. 1-13*. *Copies*: U; IDC 8562, mf. 49-51. – Issued as Ark. Bot. 7(13): 1-136, *pl. 1-13*. 1908.
Ref.: Peter, A., Bot. Zeit. 67(2): 97-98. 1 Apr 1909 (rev.).
Note: See also his *Härjedalens Kärlväxter* i, 96 p. Stockholm 1908. – For further details and further titles on this locality see BL 2: 524.

21.322. *Växtlokaler från Skåne*, Småland och Uppland ... [Separat ur Botaniska Notiser, Lund ... 1908]. Oct.
Publ.: 2 Nov 1908 (in journal), cover (identif.), p. 215-221. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1908: 215-221.

21.323. *Bidrag till Pite Lappmarks flora* ... [Separat ur Botaniska Notiser, Lund ...] 1909. Oct.
Publ.: 15 Dec 1909 (date on p. 322 in journal), cover (identif.), p. [257]-274. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1909: 257-274.

21.324. *Växtlokaler från Norrland och Dalarna* ... Svensk Botanisk Tidskrift ... 1909 [i.e. 1910]. Oct.
Publ.: 10 Jan 1910 (in journal), cover-t.p., p. [143]-158. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 3(4): 143-158. 1909 [i.e. 1910].

21.325. *Om förekomsten i Sverige af Elodea canadensis* L.C. Rich. och Matricaria discoidea DC. ... Arkiv för Botanik ... [1910]. Oct.
Publ.: 18 Jan 1910-25 Jan 1910 (first date of printing, second date of distribution of the issue of Häfttet 2 (nos. 4-8); however, also independent distribution), p. [1]-32, *pl. 1-3* (maps). *Copies*: U; IDC 8562, mf. 64-65. – Issued as Ark. Bot. 9(7): 1-32, *pl. 1-3*. 1910.

21.326. *Kebnekaisetraktens flora.* Ett bidrag till kännedomen om floran i öfversta delen af Kalixälfvens dal ... Separattryck ur Svensk Botanisk Tidskrift ... 1912. Oct.
Publ.: 23 Aug 1912 (in journal), cover-t.p., p. [195]-217. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 6(2): 195-217. 1912. – For additional publications on this flora see BL 2: 532.

21.327. *Naturskyddsrörelsen i Sverige* ... Särtryck ur Svenska Turistföreningens Årsskrift ... 1912. Oct.
Publ.: 1912, cover-t.p., p. [129]-145. *Copy:* B. – Reprinted and to be cited from Sv. Turistfören. Årsskrift 1912: 128-145 (2 portr. in text).

21.328. *Utbredningen af Scirpus parvulus* Roem. et Schult. i Skandinavien ... Separattryck ur Svensk Botanisk Tidskrift ... 1912. Oct.
Publ.: 28 Oct 1912 (in journal; Bot. Centralbl. 4 Feb 1913), cover-t.p., p. [608]-618, chart. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 6(3): 608-618, chart. 1912.

***Biria, J.A.** (fl. 1811), French (San Remo, then Alpes maritimes) physician who studied at the Faculté de Médecine of the University of Montpellier, Dr. med. Montpellier 1811. (*Biria*).

HERBARIUM and TYPES: Unknown (at MPU or G?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 189; BM 1: 165; Frank 3(Anh.): 11; Kew 1: 249; PR 781, ed. 1: 885; TL-2/1: 218.

BIOFILE: Candolle, A.P. de, Mém. souvenirs 235. 1862.

21.329. *Histoire naturelle et medicale des Renoncules*, précédée de quelques observations sur la famille des Renonculacées. Tribut académique, présenté et publiquement soutenu à la Faculté de Médecine de Montpellier, le 11 Juin 1811; ... pour obtenir le titre de docteur en médecine ... à Montpellier (chez Jean Martel ainé, ...) 1811. Qu. (*Hist. nat. Renonc.*).
Publ.: 11 Jun 1811 (date of defense thesis), p. [1]-54, *2 pl.* (uncol. copp.). Thesis defended under A.P. de Candolle. *Copies*: G(2), HU, MO, NY, Teyler; IDC 8429. – TL-2/524 (corrected entry).

Birkenhead, John (1847-1925), British nurseryman, owner, with his brother William of the Fern nurseries at Sale, Manchester from 1875-1908, later active as a stationer, corn dealer and ironmonger as well as a partner in the Fern nursery. (*Birkenhead*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 189 (name only); Kew 1: 249.

BIOFILE: Hall, N.A., Gard. Hist 11(1): 79-85. 1983 (details on his nursery, d. 29 Jan 1925).

21.330. *Ferns and Fern culture*: their native habitats, organization, habits of growth, compost for different genera; cultivation in pots, baskets, rockwork, walls; in stove, greenhouse, dwelling house, and outdoor ferneries; potting, watering, propagation, etc. Selections of ferns suitable for stove, warm, cool, and cold greenhouses, for baskets, walls, exhibition, wardian cases, dwelling-houses, and outdoor ferneries. Insect pests and their eradication, & c. s.d. (May be had from the Author, Fern Nurseries, Sale, Manchester, England, ... Oct. (format; 32 p. gathering). (*Ferns*).

Publ.: *Ed. 1*: 1892 (preface Mai 1892), p. [1]-128. with illustrations taken from the catalogues of his and his brother's nursery (n.v.).
Ed. 2: 1897 (fide N.A. Hall 1983), p. [1]-128. *Copy*: L.
Ed. 3: 1911 (n.v.).

Birnie, Steven (1855-1939), Dutch chemist, botanist and highschool teacher, studied natural sciences at the University of Utrecht 1871-1877, assistant in physical chemistry ib. 1878, Dr. phil. Utrecht 1883, teacher at the Gymnasium in Utrecht from 1886-1919, later director at the first secondary school ("H.B.S.") and other schools at Rotterdam. (*Birnie*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 189; JW 1: 439 (b. 19 Aug 1855, d. 27 Mai 1939), 3: 342.

BIOFILE: Anon., Nieuwe Rotterdamsche Courant 28 Mai 1939 (b. 19 Aug 1855, Kampen, Neth., d. 27 Mai 1939, Rotterdam).
v.d.H., Natura [Netherlands] 38(6): 148-150. 1939 (obit., portr.).

21.331. *Icacinaceae* ... Leide [Leiden] (Librairie et imprimerie ci-devant E.J. Brill) 1926 [i.e. 1925]. Qu.
Publ.: Dec 1925 (cover t.p. so dated), cover-t.p., p. 275-277. *Copy*: U. – Reprinted and to be cited from Nova Guinea 14, Bot. (2): 275-277. 1925.

Birnstiel, Walter Rudolf (1893-x), Swiss botanist, born at Arbon, educated at the Basler Gymnasium, final examination 1913, studied Pharmacy at the University of Basel 1913-1915, assistant ib. 1915-1917, final study as pharmacist 1917-1918, Dr. phil. Basel 1922. (*Birnstiel*).

HERBARIUM and TYPES: Unknown.

21.332. *Vergleichende Anatomie der Cinnamomumrinden* unter besonderer Berücksichtigung ihrer Entwicklungsgeschichte. Inaugural-Dissertation der hohen philosophischen Fakultät der Universität Basel zur Erlangung der Doktorwürde ... Borna-Leipzig (Druck von Robert Noske). 1922. Oct. (*Vergl. Anat. Cinnamom.-Rind.*).
Publ.: 1922 (exact date unknown), cover-t.p., p. [ii, verso of cover-t.p.], iii-v, [1]-104, [105, curr. vit.], *1 pl. Copy*: L.

***Biroli, Giovanni** (1772-1825), Italian agronomist and botanist, professor of agriculture at the University of Pavia, later professor of botany at the University of Torino and head of the Botanical Garden of Torino 1815-1817. (*Biroli*).

HERBARIUM and TYPES: TO (7300).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 190 (b. 29 Dec 1772, Novara, d. 1 Jan 1825, Novara); BL 2: 374; BM 1: 166; CSP 1: 388; GR p. 514; GR, cat. p. 60; IH 2: 76; Jackson p. 320, 435, 438; Kew 1: 250; Lasègue p. 344; LS 2992-2993; PR 783-786, ed. 1: 888-894; Rehder 1: 61, 62, 88, 425; Saccardo 1: 32, 2: 29, cron. p. xvi; SBC p. 116; TL-2/1: 218-219.

BIOFILE: Anon., Flora 3(1) Beil. 1: 6-7. 1820.
Burnat, É., Bull. Soc. bot. France 30 (sess. extraord.): cxiii. 1883.
Candolle, Alph. de, Phytographie 396. 1880 (herb. at TO).
Cavillier, F., Boissiera 5: 22. 1941.
Forneris, G., Allionia 29: 113. 1989 (herb. material in Bellardi herb.).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 421. 1877.
Mattirolo, O., Cron. Orto bot. Torino lvii-lviii. 1929; Studi Veg. Piem. 2, Cent. Fond. Orto Bot. Torino xciv. 1929 (herb at TO).
Montacchini, F., Allionia 12: 175-180. 1966 (on unpubl. mss.; handwriting).
Stieber, M.T. et al., Huntia 4(1): 76. 1981 (letter of Allioni mentioning B.).
Tipaldo, Biogr. Ital. illustri 2: 27 (n.v.).

21.333. *Catalogus plantarum* regii *horti botanici taurinensis* ... Augustae Taurinorum (ex Regia Typographia) 1815. Oct. (*Cat. pl. bot. taur.*).
Publ.: Nov 1815 (p. [iv]: Cal. nov. 1815), p. [i-vi], [1]-86, [87, errata]. *Copies*: G; IDC 5564.
Note (1): A *Catalogus plantarum horti botanici novariensis* ad annum 1810, Novariae 1810, 35 p. (TR ed. 1: 892), not seen by us.
Note (2): Rehder (1: 62) mentions also a *Cat. pl. bot. Taur.* 1813 (anonymous) and an appendix 1, 1841, not seen by us.

***Bisby, Guy Richard** (1889-1958), American (South Dakota-born) mycologist and plant-pathologist, studied at the South Dakota State College at Brookings S.D., B.Sc. 1912, plant pathologist at the Brooklyn Botanic Garden, New York 1913, studied concurrently at Columbia University 1914-1915 (M.A. 1915) and worked sometime for the American Potato Corporation (Presque Isle), assistant in botany at the Indiana Agricultural Experiment Station, Lafayette 1915, assistant professor with E.C. Stakman at Minnesota, Ph.D. ib. 1920, professor of plant pathology in the University of Manitoba, Winnipeg, Canada 1920-1936, stage at Imperial Bureau of Mycology, Kew 1921-1922, at the Commonwealth Mycological Institute, Kew 1937-1954. (*Bisby*).

HERBARIUM and TYPES: DAOM, CMI(IMI), WIN. – Further material at DAO, MTJB, MTMG, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 190; BFM 3060; Desmond p. 66; IH 2: 76; Kew 1: 250; LS suppl. 1256, 2782-2801; Stevenson p. 1236; TL-2/1: 219 and see indexes.

BIOFILE: Ainsworth, G.C., Nature, London 182: 987. 1956; Taxon 8(1): 2. 1959 (obit.); Intr. hist. mycol. 230, 305, 328, 331, 332. 1976.
Anon., Amer. men Sci. eds. 3,4,5.
Bisby, G.R., Trans. Brit. mycol. Soc., Fifty-year index 1896-1946. 8. 1952.
Gregory, P.H., Trans. Brit. mycol. Soc. 42(2): 129-131. 1959 (obit., source for our first paragraph, portr.; b. 17 Aug 1889, Brookings, South Dakota, USA, d. 3 Sep 1958, Staines, Middlesex, U.K.).
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Rodgers, D.P., Brief hist. mycol. N. Amer. ed. 2. 43, 54. 1951.

OUTSIDE OUR PERIOD: (1) *An introduction to the taxonomy and the nomenclature of fungi*, Kew 1945, 117 p.
(2) *The fungi of India* by E.J. Butler and G.R. Bisby, ed. 2. 1960, supplement 1-2, New Dehli 1962-1968 (suppl. 2 by S.T. Tikk). – See also TL-2/6544.
(3) With G.C. Ainsworth, *A dictionary of the fungi*, ed. 1. Sep 1943, ed. 2. Aug 1945, ed. 3. Mai 1950, ed. 4. Jan 1954, ed. 5. Jan 1961, ed. 6. Oct 1971, ed. 7. Aug 1983 (eds. 5 and 6 by Ainsworth, 7 by Ainsworth et al.).

COMPOSITE WORKS: (1) With J.C. Arthur et al., *The plant rusts*. 1929, see TL-2, suppl. 1: no. 19.539.
(2) *The British mycological Society* (Recognosce notum, ignotum inspice) *Transactions*. Fifty year index (1896-1946; volumes 1-30). Cambridge (at the University Press) 1952.
(3) With E.J. Butler (senior author, q.v.), *The fungi of India* ... Calcutta (Government of India ...) 1931. Oct.; revised by B.S. Vasadera, New Dehli 4 Jun 1960. – See also Mundkur, B.B., Fungi India Suppl. 1938, TL-2/6544.

21.334. *The literature on the* classification of the *Hysteriales* ... Cambridge (at the University Press) 1923. Oct.
Publ.: 21 Mar 1923 (in journal), cover-t.p., p. [i, recto of 176], [176]-189. *Copies*: B, L. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 8(3): 176-189. 1923.

21.335. *Type specimens of certain Hysteriales* ... Reprinted from Mycologia ... 1932. Oct.
Publ.: Mai-Jun 1932 (in journal), cover-t.p., p. [i, recto of 304], [304]-329. *Copies*: B, L. – Reprinted and to be cited from Mycologia 24(3): 304-329. 1932.

21.336. *The distribution of fungi* as compared with that of phanerogams ... Reprinted from the American Journal of Botany ... 1933. Oct.
Publ.: Apr 1933 (in journal), t.p. (on recto of p. 246), p. 246-254. *Copy*: L. – Reprinted and to be cited from Amer. J. Bot. 20: 246-254. 1933.

21.337. Memoirs on Canadian Fungi. *The fungi of Manitoba and Saskatchewan* ... Published by the National Research Council of Canada under the authority of the chairman of the Committee of the Privy Council on Scientific and Industrial Research ... Ottawa, Canada ... 1938. Oct. (*Fungi Manit. Sask.*).
Collaborators: A.H.R. Buller, John Dearness, W.P. Fraser, R.C. Russell; preface by H.T. Güssow.
Publ.: Dec 1938 (date on t.p.), p. [1]-189, map, *pl. 1-13* (uncol. phot.). *Copies*: L, MO.
Preceeded by: G.R. Bisby et al., *Fung. Manitoba* 1929, see TL-2/527. – See also G.R. Bisby and A.H.R. Buller, *Preliminary list of Manitoba fungi*, Trans. Brit. mycol. Soc. 8: 91-104. 14 Dec 1922.

Bisceglie, Vito (fl. 1809), Italian clergyman, canon cantor at the church of Terlizzi, prov. Bari, Apulia and botanist. (*Bisceglie*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 190; BL 2: 384; LS 2995; PR 787, ed. 1: 897; Rehder 3: 271; Saccardo 2: 19(?).

21.338. *Flora della provincia di Bari* saggio ... Napoli (Presso Angelo Coda) 1809. Oct. (*Fl. Bari*).
Publ.: 1809, p. [i, iii], 1-59. *Copy*: B-S.
Note: Also *Sulla flora della provincia di Bari* in Atti Real Ist. Incorragg. Sci. nat. Napoli 1: 63-103. 1811 (n.v.). – The t.p. of *Fl. Bari* has "Inserito nel xviii. della Bibliotheca di Campagna" (n.v.). See BL 2: 384.

***Bischoff, Gottlieb Wilhelm** (1797-1854), German (Pfalz) botanist and pharmacist, educated at the Gymnasium zu Dürkheim an der Haardt 1805-1812, with his uncle F.D. Rettig in Kaiserslautern 1812-1826, studied pharmacy with his father 1816-1819, studied at the Academie der bildenden Künste in München 1819, assistant in his father's pharmacy 1819-1821, studied pharmacy at the University of Erlangen 1821, idem at München 1822-1823, also in contact with C.Ph. Martius and F. Nees von Esenbeck, pharmaceutical examination in München 1823, Dr. pharm. Erlangen in absentia 1823, teacher at a secondary school in Heidelberg 1823-1825, lecturer at Heidelberg University 1825-1833, id. extraordinary professor 1833, full professor 1839, also director of the botanical garden 1847. (*Bisch.*).

HERBARIUM and TYPES: See TL-2/1: 219; material in B, H-Sol, HEID, LZ (destr.), M, MB (see Ludwig 1967), PH.

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 673; Barnhart 1: 190 (b. 21 Mai 1797, d. 11 Sep 1854); BFM 2462-2463; BM 1: 166-167, 6: 93; Bossert p. 39; CSP 1: 394, 7: 180, 12: 1184; De Toni 1: xiii; DSB 2: 159-160 (Joh. Steudel); DTS 1: 23, 6(4): 17; Frank 3(Anh.): 11; Futak-Domin p. 105; GR p. 6; GR, cat. p. 60; Hortus 3: 1188; IH 2: 76, 1154 (Wigand); Jackson p. 43, 88, 201, 296; Kew 1: 250-251; Langman p. 137; Lasègue p. 524; LS 2996-3001; Moebius p. 85, 122, 135, 152; NDB 2: 263; NI 165-167; PR 789-801, ed. 1: 899-909; Rehder 5(index): 86; SBC p. 116; SK 4: ciii; TL-2/1: 219-222 and see indexes; Tucker 1: 85; Urban-Berl. p. 294; Zander ed. 10, p. 635, ed. 11, p. 722.

BIOFILE: Aderhold, R., Gen.-Reg. Bot. Zeit. 1-50: 10. 1895 (5 titles).
Anon., Bonplandia 2: 265. 1854 (cogn. in Leopoldina: Schkuhr), 6: 342. 1858; Flora 37(2): 560. 1854; Bot. Zeit. 12: 696, 816. 1854 (d., note on publ. in progress), 14: 463-464, 496. 1856 (sale herb.); Bull. Soc. bot. France 3: 142-143. 1856 (descr. of B's library).
Bischoff, G.W., Cryptogamie 6(3): 295-296. 1985 (letter B. to Montagne, with reproduction of B's signature: "G. Bischoff").
Candolle, Alph de, Phytographie 396. 1880.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 421-422. 1877.
Haussmann zu Stetten, F. v., Fl. Tirol 3: 1173. 1854.
Hentze, B.W.W., Inaugural-Dissertation ... Heidelberg ... Gottlieb Wilhelm Bischoff, mimeographed dissertation vi, 191 p. 1975 (major source, our caption based on this study).
Ilg, G., Hoppea 42: 150, 168, 173, 258, 260. 1984 (on B. and the Regensb. bot. Ges.).
Jessen, K.F.W., Bot. Gegenw. Vorzeit 365, 374, 376, 382, 447. 1864.
Johnson, D.E., Huntia 6(1): 19-20. 1985 (analysis *Lehrbuch der Botanik*, TL-2/533).
Koch, G.F., Dem Andenken an Gottlieb Wilhelm Bischoff, Jahresber. Pollichia 16/17: 331-340. 1859.
Lack, H.W. and O. v. Sydow, Willdenowia 13: 414. 1983 (letters written by B. in UPS-UB).
Ludwig, Hessische floristische Briefe 16: 14. 1967 (on Wigand herb. which contains part of B's herb. at MB).
Moebius, M.A.J., Gesch. Bot. 85, 122, 135, 152. 1937.
Ratzeburg, J.T.C., Forstwiss. Schriftst. Lexik. 50-51. 1874.
Sachs, J. von, Hist. botanique 160, 206, 452. 1892.
Sayre, G., Bryologist 80(3): 504. 1977 (coll.).
Schmid, G., Goethe und die Naturw. 261. 1900 (nos. 1712-1713).
Seubert, M.A., Badische Biographien 1: 86. 1875.
Stübler, E., Gesch. med. Fak. Univ. Heidelberg 267, 274, 297. 1926.

COMPOSITE WORKS: (1) Co-author of C.G.D. Nees et al., *Unterird. Rhizomorph.* 1823, see TL-2/6684.
(2) *Hydrocotyle to Cnidium* in T.F.L. Nees, *Gen. fl. germ.* TL-2/6704.

21.339. *Beobachtungen über Sphaerocarpus terrestris* Michel. ... [Reprinted from Nova Acta Leopoldina ... 1827]. Qu.
Publ.: 1827, p. [829]-838, *pl. 44* (uncol. lith.). *Copy*: Gr-V. – Reprinted and to be cited from Nova Acta Leopoldina 13: 829-838, *pl. 44*. 1827.

21.340. *Zur Naturgeschichte der Salvinie* (Salvinia natans Schreb.) ... [Nova Acta Leopoldina ... 1828]. Qu.
Publ.: 1828 (read at Heidelberg 17 Jun 1826; journal issue 1828), p. [45]-68, *pl. 4-6*, 69-70. *Copy*: MO (tearsheet). – Reprinted and to be cited from Nova Acta Leopoldina 14(1): 45-70, *pl. 4-6*. 1828.

21.341. *Grundriss der medicinischen Botanik* als Leitfaden bei Vorlesungen, so wie zum Selbststudium und besonders zur repetitorischen Uebersicht für Studierende; auch zum Gebrauche für Aerzte und Pharmaceuten. Nach den natürlichen Familien des Gewächsreiches, mit Angabe der Linné'schen Klassification ... Heidelberg (Druk [sic] und Verlag von August Osswald's Universitätsbuchhandlung) 1831. Oct. (*Grundr. med. Bot.*).
Publ.: 1831, p. [i]-xxiv, [1]-584. *Copy*: L.

21.342. *Medicinisch-pharmaceutische Botanik*. Ein Handbuch für Deutschlands Aerzte und Pharmaceuten ... Erlangen (bei Ferdinand Enke) 1843 [-1844]. Oct. (*Med.-pharm. Bot.*).
Publ.: Mai 1843-Sep 1844 (published in 4 Lieferungen: no. 1: 24-27 Mai 1843, 2: 19-21 Oct 1843, 3: 1-2 Apr 1844, 4: 19-21 Sep 1844; dates in Börsenblatt), p. [i]-xii, [1]-875. *Copy*: U.
Re-issued with 1847 date: 7-10 Apr 1847 (id.).
Nachträge: 7-10 Apr 1847 (id.), p. [i-iv], [1]-42. *Copy*: U.
Ref.: Schlechtendal, D.F.L. v., Bot. Zeit. 1(33): 562-563. 18 Aug 1843 (rev. of Lief. 1).

21.343. *Die Botanik* in ihren Grundrissen mit Rücksicht auf ihre historische Entwicklung ... Stuttgart (Verlag der Franckh'schen Buchhandlung) 1848. Oct. (*Botanik*).
Publ.: 10-11 April 1848 (Börsenblatt), p. [i-v], [1]-138, [139]. *Copy*: U. – Reprinted from *Neu. Encyklopädie der Wissenschaften und Künste* Band III. (n.v.).

Bisschop van Tuinen, Klaas (1840-1905), Dutch (Frisian) highschool teacher, entomologist and botanist, studied at a teacher's college in Amsterdam 1870-1871, teacher at the secondary school at Zwolle 1871-1905 and from 1879-1905 concurrently biology teacher at the Zwolle "Gymnasium". (*Bisschop*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 421, 630; JW 1: 451, 5: 234 (b. 28 Oct 1840, Oldeboorn, d. 14 Jul 1905, Zwolle); Rehder 3: 77, 95.

BIOFILE: Rossum, A.J. van, Tijdschr. Entom. 49: 234-236. 1906 (obit., portr., see also p. xxxviii; b. 28 Oct 1840, Oldeboorn, Friesland, d. 14 Jul 1905, Zwolle, Overijssel).

21.344. *Nederlandsche planten.* Beschrijving onzer Akkerbouw-, Tuinbouw-, Boschbouwgewassen en Onkruiden, benevens een kort overzicht der voor de planten schadelijke en nuttige dieren ... Amsterdam (Scheltema & Holkema) 1874. Oct. (*Nederl. pl.*).
Publ.: Aug-Dec 1874 (p. vi: 15 Jul 1874), p. [i-vii], [1]-171, [172]. *Copy*: L.

Biswas, Kalipada P. (1899-1969), Indian botanist, educated at the Mitra Institution, Bhowanipur Branch, matric. 1916, studied at the South Suburban College, Calcutta, intermediate exam. 1918, graduated 1920 from Bangabasi College, M.A. Botany 1922, D.Sc. Edinburgh University; Bengal Research Scholar in Algae and systematic botany 1923-1926, curator of the herbarium of the R. Botanical Garden, Sibpur 1927, superintendent 1937-1954, director medical plants scheme West Bengal 1954-1964, in retirement from 1964 at the Botany Dept., University College of Science, Calcutta. (*Biswas*).

HERBARIUM and TYPES: CAL, collections of algae lost; further material in CAL, MO, NY, U, US.

BIBLIOGRAPHY and BIOGRAPHY: IF suppl. 4: 314; IH 2: 76; Kew 1: 252-254; MW p. 44; Roon p. 18; TL-1: 34; TL-2/1: 222.

BIOFILE: Biswas, K., List of papers by Dr. K. Biswas, ... typewritten list sent to the senior author 1957 or 1958.
Frodin, D.G., Guide standard floras world 578-579. 1984.
Ghosh, A.K., Bull. bot. Soc. Bengal 24(1-2): 3-4. 1970 (obit., portr., source of our caption).
Hansen, A. [in letter]: died 1969. Letter to FAS 31.1.1977.
Koster, J.Th., Taxon 18: 549. 1969 (algae coll. lost).
Prescott, G.W., Bibl. Desmid. Univ. 54-55, 77. 1984.
Reed, C.F., Fl. S.E. Asia 15. 1969.
Steenis, C.G.G.J. van et al., Fl. males. Bull. 5: 125. 1949 (dir. Bot. Survey India), 12: 469. 1956 (retirement).

21.345. *On a new species of Cylindrospermum* from Bengal – Cylindrospermum doryphorum Brühl et Biswas ... From the Journal and Proceedings, Asiatic Society of Bengal ... 1923. Oct.
Co-author: Paul Johannes Bruehl (1855-1935).
Publ.: 30 Nov 1923 (in journal), cover-t.p., p. [577]-580. *Copy*: L. – Reprinted and to be cited from J. Proc. Asiat. Soc. Bengal ser. 2. 18(10): 577-580. 1923.

21.346. *The subaerial algae of Barkuda Island*, in the Chilka Lake, Ganjam District, Madras Presidency ... From the Journal and Proceedings, Asiatic Society of Bengal ... 1925. Oct.

21.346. *The subaerial algae of Barkuda Island*, in the Chilka Lake, Ganjam District, Madras Presidency ... From the Journal and Proceedings, Asiatic Society of Bengal ... 1925. Oct.
Publ.: 25 Nov 1925 (in journal), cover-t.p., p. [359]-365, *pl. 15*. 1924. *Copy*: B. – Reprinted and to be cited from J. Proc. Asiat. Soc. Bengal ser. 2. 20(6): 359-365, *pl. 15*. 1924 (i.e. 1925).

21.347. *The algal flora of the Maiden Tanks* ... The Calcutta Review ... 1925. Oct.
Publ.: Dec 1925 (in journal), p. 449-455. *Copy*: B. – Reprinted and to be cited from The Calcutta Review 1925: 449-455.

21.348. *Flora of the Salt Lakes, Calcutta* ... Calcutta University Press ... 1926. Oct.
Publ.: 1926, p. [i], *pl. 1* (map), [1]-47, *pl. 2-5* (uncol. phot.), *6-10* (uncol. liths.). *Copy*: B. – Reprinted and to be cited from J. Dept. Sci., Calcutta 8: 1-47, *pl. 1-10*. 1926.

21.349. Papers on Malayan aquatic biology xi. *Fresh water algae* ... from Journal of the Federated Malay States Museum ... 1929. Oct.
Publ.: Jul 1929 (in journal), cover-t.p., p. [405]-435, *pl. 9-13* (uncol. draw.). *Copy*: B. – Reprinted and to be cited from J. Fed. Malay States Mus. 14(3-4): 404-435. 1929.

21.350. *Contributions to* our knowledge of *the fresh water algae of Manipur*, Assam ... [From the Journal of the Bombay Hist. Soc. ... 1930]. Oct.
Publ.: 1 Mar 1930 (in journal), cover-t.p., unnumbered *pl.*, p. 1-4, *pl. 2-4* (uncol. draw. auct.). *Copies*: B, L. – Reprinted and to be cited from J. Bombay Nat. Hist. Soc. 34(1): 189-192, pl. [*1*], *2-4*. 1930.

21.351. *Census of Indian Algae* scope of algological studies in India ... [Laboratoire de Cryptogamie du Museum national d'histoire naturelle ... Paris ... 1932]. Oct.
Publ.: 1932 (fide Biswas in typewritten list of his papers sent to senior author), cover [identif.], p. [197]-219. *Copy*: B. – Revue algologique 6(2): 197-219. 1932. – Paper is "part I." of a series of three; nos. 2 and 3 remained unpublished.

21.352. *A role of aquatic vegetation in the biology of Indian waters* ... Reprinted from the Acharyya Sir P.C. Ray commemoration volume 1932. Oct.
Publ.: 11 Dec 1932 (date of printing of reprint), cover-t.p., p. [315]-342, *pl. 3-11* (uncol. draw.). *Copies*: B, L. – Reprinted from the P.C. Ray Comm. vol. 1932 (complete vol. possibly distributed in 1933).

21.353. The distribution of wild *Conifers in the Empire* ... Madras (Madras Publishing House) 1933. Oct.
Publ.: 1933, cover-t.p., p. 24-27, map, *pl. 2* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from J. Ind. Bot.. Soc. 12(1): 24-47, map, *pl. 2*. 1933.

21.354. A comparative study of *Indian species of Avicennia* ... Notes, R.B.G. Edinburgh ... 1934. Oct.
Publ.: Apr 1934 (date on p. [159] of reprint), p. [159]-166, *pl. ccxliii-ccxlvi*. *Copy*: L. – Reprinted and to be cited from Notes Roy. Bot. Gard. Edinburgh 18 (no. 89): 159-166, *pl. ccxliii-ccxlvi*. 1934.

21.355. *Observations on algal collections from Khasia* and Jaintia Hills, Assam, India ... Sonderabdruck aus "Hedwigia" ... 1934. Oct.
Publ.: 26 Apr 1934 (in journal), cover, p. [1]-28, *pl. 1-3* (uncol. draw. auct.). *Copy*: B. – Reprinted and to be cited from Hedwigia 74: 1-28, *pl. 1-3*. 1934.

21.356. Observations on the *systematic position of Ficus Krishnae* growing at the Royal Botanical Garden, Calcutta ... Reprinted from "Current Science" ... 1935. Oct.
Publ.: Mar 1935 (date on cover-t.p.), cover-t.p., p. [1]-2. *Copy*: L. – Reprinted and to be cited from Current Science 3(9): 424-425. 1935.

21.357. *Hand-book of common water and marsh plants of India* and Burma, 1936 ... Delhi (Manager of publications) 1937. Oct. (*Handb. water marsh pl. India*).
Co-author: Charles Cumming Calder (1884-1962).
Publ.: Sep 1937 (printed 28 Aug 1937), p. [i*-ii*], [i]-xiii, [1]-140, photos 1-6, *pl. 1-32*. *Copy*: L. – Issued as Health Bulletin no. 24, Malaria Bureau no. 11.
Ref.: Kaul, K.N., Kew Bull. 1939(8): 487-488 (rev.).

21.358. *Plants of the Lloyd Botanic Garden*, Darjeeling ... Delhi (Published by Manager of Publications) ... 1940. Oct.
Publ.: 11 Apr 1940 (date on p. 478), p. [i*], [i]-iv, 369-478. *Copy*: U. – Issued as Rec. Bot. Surv. India 5(5). 1940.

***Bitter, [Friedrich August] Georg** (1873-1927), German (Bremen) botanist, educated at the Realschule and Gymnasium in Bremen, studied at the universities of Jena, München and Kiel 1893, Dr. phil. Kiel with Johannes Reinke 1896, studied at the Botanical Museum, Berlin and at the Biological Station Napoli 1897-1899; assistant with F.W. Zopf at the University of Münster 1899-1905, habil. ib. 1901 at the Kgl. Akademie id., head of the Botanical Garden in Bremen 1905-1915, 1918-1923, on active service 1915-1918, professor of botany at the University of Göttingen 1923-1927, retired for health reasons to Bremen 1927. (*Bitter*).

HERBARIUM and TYPES: BREM, further material at CORD, GOET (cult. plants, types, kleptotypes); LD, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 192 (b. 13 Aug 1873, Bremen, d. 30 Jul 1927, Bremen); BFM 1178; BJI 1: 5, 2: 14; BL 1: 110; BM 6: 94; Bossert p. 40; CSP 13: 574; GR p. 6-7, pl. [12]; GR, cat. 60; Hegi 5(4): 2548; Hortus 3: 1188; IF p. 682; Kew 1: 254-255; Langman p. 137; LS 3009-3014, 31.199; LS suppl. 2809; Moebius p. 135; MW p. 44; NAF 28B(2): 320, ser. 2. 2: 151; Rehder 1: 510; SBC p. 116; TL-2/1: 222-223 and see indexes; Tucker 1: 85; Zander ed. 10, p. 635, ed. 11, p. 722.

BIOFILE: Anon., Hedwigia 38(6): 297. 1900 (appt. Münster), 44(3): (137). 1905 (appt. Bremen), 64(2): (144). 1923 (appt. Göttingen), 67(2): (163). 1927 (d.); Nat. Nov. 23: 539. 1901 (appt. Münster), 27: 122. 1905 (appt. Bremen), 27: 193. 1905 (also dir. Bot. gard.); Bot. Centralbl. 87(29): 127. 1901 (habil. Münster), 98(3): 80. 1905 (dir. Bot. Gart. Bremen); ÖBZ 72: 448. 1923 (appt. Göttingen), 76: 248. 1927 (d. 30 Jul 1927).
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Ulbrich, E., Verh. bot. Ver. Prov. Brandenburg 70: 37-43. 1928 (obit., bibl.).
Wagenitz, G., Index coll. princ. herb. Gotting. 8, 25, 198. 1982 (much herbarium material of Solanaceae and the genus Acaena; handwriting); Göttinger Biologen 1737-1945: 28. 1988.
Weber, C.A., Ber. deut. bot. Ges. 46: (148)-(156). 1929 (obit., portr., bibl.).

HANDWRITING: G. Wagenitz, Ind. coll. princ. herb. Gotting. 198. 1982.

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(2) The entry: *Solanum*, *in* Hegi, Ill. Fl. Mitteleur. 5(4). 1928 in TL-2/1: 222 should be deleted: the entry should be attributed to H. Marzell.
(3) Edited eds. 8 and 9 of Buchenau, *Fl. Bremen* 1919 and 1927, see TL-2/1: 222.
(4) *Dichroismus und Pleiochroismus als Rassencharacter*, *in* Festschrift Ascherson, Berlin 1904.
(5) *Einige neue Solanum-Arten* aus der Tuberarium-Gruppe, p. 546 (lower part)-555, *in* L. Wittmack, *Einige neue Solanum-Arten* ... 5 Mai 1914, see TL-2/1914.

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(7) Contributed items on *Solanaceae*, *in* C. Skottsberg, *The natural history of Juan Fernandez* 2: 78-80, 130-137, 166-168. 1922 (Solanaceae).

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Publ.: 1 Jan-22 Feb 1897 (journal issue 22 Feb 1897, dissertation prepublished), p. [i-ii], [1]-80. *Copy*: GOET (NSUB). – Preprinted from Flora 83(2): 223-303. 1897.
Commercial issue: 22 Feb 1897 (date of publication in journal), cover (identif.), p. [i], [223]-302, [303]. *Copy*: B. – Reprinted from Flora 83(2): 223-303. 1897.

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Publ.: 27 Aug 1899 (in journal; Nat. Nov. Sep (2) 1899), cover (identif.), p. [255]-274, *pl. 20* (uncol. lith. auct.). *Copy*: L. – Reprinted and to be cited from Ber. deut. bot. Ges. 17(7): 255-274, *pl. 20*. 1899.

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Ref.: Kuckuck, E.H.P., Bot. Zeit. 58(2): 54-55. 1900 (rev.).

21.363. Ergebnisse einer Reise nach dem Pacific. (Prof. Dr. Schauinsland 1896/97). *Die phanerogamische Pflanzenwelt der Insel Laysan* ... Separat-Abdruck aus Abh. Naturw. Ver. Bremen. 1900. Oct.
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21.366. Die *Rassen der Nicandra physaloides*. I. Mitteilung ... Jena (Verlag von Gustav Fischer) 1903. Oct.

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Publ.: 1903, cover-t.p., p. [i], [145]-176, *pl. 9-14* (uncol. phot.). *Copy*: BKL. – Reprinted and to be cited from Beih. Bot. Centralbl. 14: 145-176, *pl. 9-14*. 1903.

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21.371. *Weitere Untersuchungen über die Gattung Acaena* ... Sonderabdruck aus Fedde, Repertorium ... 1912. Oct.
Publ.: 5 Mai 1912 (in journal), p. [489]-501. *Copy*: G. – Reprinted and to be cited from Fedde, Repert. sp. nov. 10(263-265): 489-501. 1912. – For *Die Gattung Acaena* 1910-1911, see TL-2/538.

21.372. *Solana africana* 1-4 [Reprinted from Bot. Jahrb. and Fedde, Rep. sp. nov. 1913-1923]. Oct.
Publ.: *1*: 17 Jun 1913, Bot. Jahrb. 49(5): 560-569. 1913 (no reprint seen).
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3: 6 Mai 1921, Bot. Jahrb. 57(2): 248-286. 6 Mai 1921 (no reprint seen).
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Ref.: Herter, W., Bot. Centralbl. 135(21): 333. 20 Nov 1917 (rev. of no. 2).

21.373. *Eine neue Parmelia* (subgeneris Hypogymnia) aus der argentinischen Provinz Salta ... Sonderabdruck aus Fedde, Repertorium ... 1913. Oct.
Publ.: 15 Dec 1913 (in journal), p. 515. *Copy*: B. – Reprinted and to be cited from Fedde, Repert. sp. nov. 12: 515. 1913.

21.374. *Die papuasischen Arten von Solanum* ... Leipzig (Verlag von Wilhelm Engelmann) 1917. Oct.
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Publ.: 27 Nov 1917 (in journal), cover-t.p., p. [7]-12, *pl. 1-6* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Bot. Jahrb. 55(1), Beiblatt 122: 7-12, *pl. 1-6*. 1917.

21.376. Die Gattung *Lycianthes*. Vorarbeiten zu einer Gesamtschrift ... [Abh. Naturw. Ver. Bremen ...] 1920. Oct.
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21.377. *Cyphomandra dolichocarpa* ... Aufteilung der Gattung Bassovia ... Bidens Purpusorum ... Zur Gliederung der Gattung Saracha ... Additamenta ad genus Cyphomandrum I. ... Sonderabdruck aus Fedde, Repertorium ... 1921. Oct.
Publ.: 31 Dec 1921 (in journal), p. 327-355. *Copy*: U. – Reprinted and to be cited from Fedde, Repert. sp. nov. 17: 327-355. 1921.

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21.379. *Beiträge* zur Kenntnis der Gattung *Sedum* I. ... Aus "Notizbl. Bot. Gart. u. Mus. Berlin-Dahlem". 1923. Oct.
Publ.: 1 Feb 1923 (date on p. [281] of reprint), p. [281]-284. *Copy*: BKL. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 8: 281-284. 1923.

***Bivona-Bernardi, Antonio** (1774-1837), Italian (Sicilian) botanist, son of Andrea Bernardi, adopted by Bar. Antonino Bivona, having been an orphan at an early age, general inspector of the water and forests of Sicilia, died of cholera. (*Biv.*).

HERBARIUM and TYPES: BASSA, FI, LIV.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 391, 6(2): 495 (err. d. 1834), 12(2): 245; Barnhart 1: 192 (b. 24 Oct 1774, Messina, d. 7 Jul 1837, Messina); BM 1: 168; De Toni 1: xiii; Frank 3(Anh.) 11; GR p. 514; Hegi 6(2): 1269; Hortus 3: 1188; IH 2: 76; Jackson p. 321; Kew 1: 255; LS 3015-3016; NAF 7(15): 1052; PR 805-808, ed. 1: 913-916; Rehder 1: 85-86, 431, 2: 359, 4: 43; Saccardo 1: 31, 2: 19, cron. p. xvi; SBC p. 116; Stevenson p. 1236; TL-2/1: 223; Zander ed. 10, p. 635, ed. 11, p. 722.

BIOFILE: Anon., Flora 3(1) Beil. 1: 7. 1820, 21(1)(9): 144. 7 Mar 1838 (d. Palermo, cholera).
Cesati, V. de, Saggio 15. 1882.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 423. 1877.
Granatelli, *in* Linares, Biogr. sicil. morti colera 1837. Palermo 1838, p. 51 (n.v., fide Saccardo, portr.).
Ilg, W., Hoppea 42: 103. 1984 (sample of handwriting).
Parlatore, F., Breve cenno sulla vita e opera del Barone Antonio Bivona-Bernardi, Palermo 1837 (Oct., 19 p., n.v., fide PR).
Pritzel, G.A., Linnaea 19: 450. 1847 (Pr. "corrects" the date of death to 7 Jul 1834; this is incorrect, his earlier date: 1837, is correct).
Sprengel, K., Neue Entdeck. 1: 31-45. 1820 (on B's *Stirp. rar. Sicilia*).

21.380. *Nuove pianti inedite* del barone Ant.o Bivona Bernardi pubblicate dal figlio Andrea [Bivona Bernardi]. Palermo (presso Lorenzo Dato) 1838. Oct. (form.). (*Nuove pianti*).
Publ.: 1838, cover-t.p., p. [1]-23. *Copy*: B. – The new taxa should be cited "Biv. in A. Biv. f.").

Bizot, Maurice [Louis Jean] (1905-1979), French pharmacist and bryologist, studied at the University of Nancy, Dr. phil. 1937, chief pharmacist at the Centre Hospitalier, Dijon, professor and later assessor and dean at the Faculté de Pharmacie of the École nationale de Médecine et Pharmacie de Dijon. (*Bizot*).

HERBARIUM and TYPES: PC, further material at DBN, GRI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 192; GR p. 306; IH 2: 76; Kew 1: 255; NAF ser. 2. 3: 31; Roon p. 18; SBC p. 116.

BIOFILE: Anon., Rev. Bryol. Lichénol. ser. 2. 25(3-4): 386. 1956 (apptd. director École de Médecine et de Pharmacie de Dijon), 36(3-4): 755. 1970 (corresp. Acad. Pharm.), 37(1): 188 (corresp. Mus. Hist. nat. Paris); Taxon 29(4): 548. 1980 (d. 19 Nov 1979, Dijon).
Dury, M.N., Cryptog., Bryol. Lichénol. 1(2): 201-206. 1980 (obit., portr., bibl., b. 18 Jan 1905, d. 19 Nov 1979); The Bryologist 83(4): 564-569. 1980 (brief biogr. note, portr., bibl.).

COMPOSITE WORKS: *Table générale des tomes i-xxii* (N.S.), 1928-1953 of the *Revue bryologique* 1954.

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Co-author: G. Gardet.
Publ.: *1*: 1927, Bull. Soc. Sci. Nancy sér. 4. 3(2): 141-201. 1927 (n.v.), (author G. Gardet).
2: 1931, cover-t.p., p. [1]-23. *Copy*: Gr-V. – Reprinted from Mém. Soc. Sci. Nancy ser. 5. 1: 261-281. 1931 (journal issue n.v.).
3: 1935, cover-t.p., p. [1]-76. *Copy*: Gr-V. – Reprinted from Mém. Soc. Sci. Nancy sér. 6. 3: 1-76. 1935 ["1934"] (journal issue n.v.).

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Publ.: 1931 (p. 31: dated Apr 1931), p. [17]-31. *Copy*: Gr-V. – Reprinted and to be cited from Rev. Bryol. ser. 2. 4(1): 17-31. 1931.

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Publ.: Mar (sero) 1932 (fide Leussink in mss. in library FAS), cover (identif.), p. [724]-726. *Copy*: Gr-V. – Reprinted and to be cited from Bull. Soc. bot. France 78(9-10): 724-726. 1932.

21.384. *Grimmia spitsbergensis* Biz. & Ther. spec. nov. ... Bulletin scientifique de Bourgogne ... 1935. Oct.
Co-author: [Marie Hypolite] Irénée Thériot (1859-1947), see TL-2/6: 249-255.
Publ.: 20 Nov 1935 (reprint so dated), p. [70]-71. *Copy*: Gr-V. – Reprinted and to be cited from Bull. Sci. Bourgogne 5: 70-71. 1935.

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Co-author: René Dhiem.
Publ.: 31 Mai 1937 (date on cover-t.p.), cover-t.p., p. [45]-71. *Copies*: Gr-V, MO. – Reprinted and to be cited from Bull. Sci. Bourgogne 6: 45-71. 1936.
Deuxième partie: 1952, p. [1]-152. *Copy*: MO.
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Publ.: *Thesis issue*: 8 Jul 1937 (date of defense thesis), cover-t.p., p. [3]-122, map. *Copies*: Gr-V, MO.
Commercial issue: 1937, p. [1]-118, map. *Copy*: MO.

***Bizzozero, Giacomo** (1852-1885), Italian botanist, born nr. Vicenza, moved with his family to Padua in 1860, trained to be a gardener, as such at the Botanical Garden of Padua (with a short period in a commercial garden in the province Este), later as an assistant gardener and ultimately, 1883, assistant to the director (P.A. Saccardo). (*Bizz.*).

HERBARIUM and TYPES: PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 192 (b. 17 Feb 1852, La Longa, Vicenza, d. 1 Apr 1885, Padova); BL 2: 416, 417, 630; BM 1: 168; Bossert p. 40; CSP 9: 251, 12: 84, 13: 578; De Toni 2: xiii; DTS 1: 22; GR p. 527; IH 2: 76; Kew 1: 255; LS 3022-3023, 41.016-41.017; LS suppl. 2818-2819; Morren ed. 10, p. 85; Nordstedt p. 9; Saccardo 1: 31, 2: 19-20, cron. p. xvi; Stevenson p. 1236; TL-2/1: 224 and see indexes.

BIOFILE: Anon., ÖBZ 35: 187. 1885 (d.); Bot. Not. 1886: 39 (d.).
Berlese, A.N., Atti Soc. venet.-trent. Sci. nat. 1886: 149-160 (biogr., portr., list publ.).
Penzig, O., Bot. Centralbl. 22(23): 315-318. 1885 (detailed biogr., eponymy).

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Björkenheim, Raf. [Edouard Rafael] (1880-1951), Finnish forester and botanist. (*Björkenheim*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Collander p. 37-38 (4 publ.).

21.388. *Über die Bodenvegetation* auf den Åsbildungen und den Moränenböden *im Staatsrevier Evois* ... Helsingfors 1909. Oct.
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Matouschek, F., Bot. Centralbl. 131(7): 161-162. 1916 (rev.).

Björklund, Karin (Dorthe Johanna Katarina) (1908-x), Finnish botanist. (*K. Björklund*).

HERBARIUM and TYPES: H (200-300).

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 94; Collander p. 38; IH 2: 76.

21.389. *Padasjoen Pitäjän itäpuoliskon kasvisto* ... Helsinki (Annales Botanici Societatis ... Vanamo) 1938. Oct.
Publ.: 1938, p. [i]-iv, [v], [1]-69. *Copy*: U. – Issued as Ann. bot. Soc. zool.-bot. Fenn. Vanamo 10(2). 1938. – See also BL 2: 94.

Björkman, Gunnar (1898-x), Swedish plant geographer, living in Uppsala, explorer of Swedish Lapland. (*G. Björkman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 528; GR p. 487.

BIOFILE: Björkman, [K.] G. and G.E. Du Rietz, Bot. Not. 1923: 128.
Fries, R.E., Short hist. bot. Sweden 72. 1950.

21.390. *Floran i trakten av Äpartjåkkos magnesit-fält* ... K. Svenska Vetenskapsakademiens Skrifter i Naturskyddsärenden ... [1937]. Oct.
Publ.: 1 Mai 1937 (date of printing on p. 36), cover-t.p., p. [1]-36, *table 1*. *Copy*: U. – Issued as Skrift. naturskyddsär. 33. 1937. – See also BL 2: 528.

Bjørnström, Fredrik Johan (1833-1889), Swedish (Stockholm-born) botanist, studied at Uppsala University 1851, fil. kand. theology 1856, Dr. phil. ib. 1857, physician at Uppsala 1864, ultimately at the Stockholm "hospital", extraordinary professor in psychiatry at the Karolingska Inst. 1884, died at Konradsberg nr. Stockholm 1889. (*Bjørnstr.*).

HERBARIUM and TYPES: GB (bryoph.), further material at H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 193 (b. 28 Apr 1833, d. 23 Sep 1889); BL 2: 530; BM 1: 168; GR p. 487; IH 2: 76; Jackson p. 338; KR p. 88-89 (main source); Rehder 2: 30; SBC p. 116; TL-2/18.644.

BIOFILE: Anon., Bot. Not. 1852: 158.
Wittrock, V.B., Acta Horti Berg. 3(2): 34. 1903, 3(3): 6. 1905 (on portr.).

COMPOSITE WORKS: (1) See Johann Emanuel Zetterstedt (1828-1880), *Monogr. Andreaear. Scand. tent.* 1855, TL-2/18.644, F.J. Björnström co-author.

Bjurzon, Jonas (1810-1882), Swedish (Värmland) botanist, studied at the University of Uppsala from 1838. (*Bjurzon*).

HERBARIUM and TYPES: See KR p. 87, no. 2: *Svenska Fodervexter*, exsiccatae of fodderplants, 2 fasc., each 35 plants on 23 leaves (fide KR), see Bot. Not. 1851: 221.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 193; BM 1: 168; KR p. 87 (b. 11 Jul 1810, d. 26 Jun 1882); PR 804; Rehder 1: 354; Tucker 1: 86.

21.391. *Skandinaviens växtfamiljer* i sammandrag framställda ... Upsala (Wahlström & C.) 1846. Oct. (*Skand. växtfam.*).
Publ.: 1846, p. [i-viii], [1]-100, folded table. *Copy*: NY.

Blaauw, Anton Hendrik (1882-1942), Dutch botanist educated at the Gymnasium of Arnhem, studied biology at the University of Utrecht 1902, Dr. phil. ib. 1909, travelled in Java and Sumatra 1911-1912, curator of the Dutch botanical Society 1912, biology teacher at the Gymnasium of Haarlem 1914, idem also at the Haarlem Girls College 1916, professor of plant physiology at the Agricultural College, Wageningen 1918-1942. (*Blaauw*).

HERBARIUM and TYPES: L, U. – Dutch material in NBV (at L).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 193; IH 2: 77; JW 2: 185, 3: 342, 4: 374, 5: 234; LS 31.204; LS suppl. 2821-2822; Moebius p. 287, 294, 318, 320; SK 1: 59-60, 4: 100.

BIOFILE: Anon., Wie is dat? ed. 3. 1935; Het Vaderland 29 Sep 1942 (retirement), 9 Oct 1942 (on his works), 11 Nov 1942 (obit. not.); Nieuwe Rotterdammer Courant 8 Oct 1942, 12 Nov 1942 (obit.); Weekblad Bloembollencultuur 41/42: 221. 20 Nov 1942 (obit.).
Arisz, W.H., Jaarboek Kon. Ned. Akad. Wetensch. 1941-1942, 22 p. (reprint p. 1-22, portr., analysis of his work).
Dammerman, K.W., Ann. Jard. bot. Buitenzorg 45(1): 37. 1935.
Karsten, M., Weekbl. Mij. Tuinb. Plantk. 16: 394. 1942 (obit.).

21.392. De *kiezelwieren als "Gidsfossielen"* voor onze alluviale gronden ... 's Gravenhage (Mouton & Co.) 1917. Oct.
Publ.: Jan 1917 (in journal), cover-t.p., p. 1-14, 1 chart. *Copy*: L. – Reprinted and to be cited from Verh. Geol.-Mijnb. Genootsch. Nederland, Geol. ser. 2: 1-14. 1917.

21.393. *Over flora, bodem en historie van het meertje van Rockanje* ... Amsterdam (Johannes Müller) 1917. Oct. (*Fl. meertje Rockanje*).
Publ.: 1917, p. [i]-vii, [1]-107, [108], *pl. 1-23*. *Copies*: FAS(B), L, U. – Issued as Verh. Kon. Ned. Akad. Wetensch. Amsterdam sect. 2. 19(3). 1917.

***Black, John McConnell** (1855-1951), Scottish-born Australian botanist, emigrated to South Australia 1877, farmed at Baroota, S. Australia 1877-1882, settled in Adelaide as journalist 1883, retired as such 1902 and took up botany, mainly writing on the flora of South Australia, visited Great Britain, Spain, Italy, France and Germany in 1903, and again Great Britain, attending the fifth International Botanical Congress at Cambridge, later honorary lecturer in systematic botany at the University of Adelaide (ca. 1939), actively working on botany until ca. 1947. (*J.M. Black*).

HERBARIUM and TYPES: AD; further material at B, K, MEL, NSW, P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 194 (b. 28 Apr 1855, Wigtown, Scotland, d. 2 Dec 1951, Adelaide); BJI 2: 14; BL 1: 67, 70, 71; Desmond p. 67; Hortus 3: 1188; IH 2: 77; Kew 1: 256; NI suppl. no. 167n; TL-2/1: 224 and see indexes; Zander ed. 10, p. 636, ed. 11, p. 722.

BIOFILE: Arditti, J., ed., Orchid biol. 1: 138, 142, 151. 1977.
Eardley, C.M., Taxon 1(4): 62-63. 1952 (obit.).
Eardley, C.M. and J.B. Cleland, Trans. R. Soc. South Austr. 16: i-xii. 1953 (obit. by Eardley, list of taxa publ. by J.B. Cleland; portr., major source).
Frodin, D.G., Guide standard floras world 236a, 445. 1984.
Hall. N., Botanists of the Eucalypts 19. 1978.
Jessop, J.P., *in* J.M. Black, Flora of S. Australia ed. 3. 1. 1978 (frontisp. portr. with biogr. caption).
Robertson, E.L., Austral. Syst. Bot. Soc. Newsl. 16: 4-8. 1978 (life of B.).
Steenis, C.G.G.J. van, Fl. males. Bull. 9: 283. 1952 (obit.).
Turrill, W.B., Kew Bull. 1922: 254 (rev. *Fl. S. Austral.*, TL-2/544).
Willis, J.H., *in* J.P. Jessop, ed., Fl. Central Australia XVIII. 1981.

NOTES: (1) *Additions to the Flora of South Australia*, a series of papers illustrated by the author; 45 nos. in 41 years, for partial information see J.B. Cleland, *in* C.M. Earley and J.B. Cleland 1953, p. xi. – We had no opportunity to list these papers published between 1909 and 1949 in toto. We list below the few that came to our attention.
(2) *Australian botanical nomenclature*, Paper read to Section M (Botany), Adelaide meeting, *in* Proc. Australas. Ass. Adv. Sci., Reports 17: 742-745. 1924.

(3) *Flora of South Australia* ed. 1. 1-4. 1922-1929, see TL-2/544, additional information:
Part 1: Aug 1922, reviews: Anon., J. Bot. 61: 27-28. Jan 1923; K. Krause, Bot. Jahrb. 58(Lit.): 55. 1 Apr 1923.
Part 2: Jun 1924, rev. J. Britten, J. Bot. 63: 27-28. Jan 1925.
Part 3: Dec 1926, rev. Anon., J. Bot. 65: 90. Mai 1927.
Parts 1-4 (part 4: Jun 1929): rev. Kew Bull. 1930(8): 398-399. 22 Sep 1930.
Microfiche edition: IDC 6523.

21.394. *The naturalized flora of South Australia* ... Adelaide (Published by J.M. Black) 1909. Oct. (*Natural. fl. S. Austral.*).
Publ.: 1909 (preface dated Jul 1909), p. [1]-192. *Copies*: MO, NSW. – "The first floristic work written in Australia on introduced plants, concisely covering 368 species ..." (A.S. George, *in Fl. Australia* 1: 20. 1981).

21.395. *Additions to the Flora of South Australia* nos. 1-45, 1909-1949, in Transactions of the Royal Society of South Australia.
Publ.: [*1-6*, n.v., published without assigned numbers].
7: 1913 (read 12 Jun 1913), cover-t.p., p. 121-124, *pl. 4-5* (uncol.). *Copy*: B. – Trans. 37: 121-124, *pl. 4-5*. 1913.
[*8-10*: n.v.].
11: 1917 (read 14 Jun 1917), p. 41-52, *pl. 9-11* (uncol.). *Copy*: PERTH. – Trans. 41: 41-52, *pl. 9-11*. 1917.
12: 1917 (read 11 Oct 1917), p. 378-390, *pl. 18-20* (uncol.). *Copy*: PERTH. – Trans. 41: 378-390, *pl. 18-20*. 1917.
13: 1918 (read 13 Jun 1918), p. 38-61, *pl. 5-8* (uncol.). *Copy*: PERTH. – Trans. 42: 38-61, *pl. 5-8*. 1918.
14: 1918 (read 10 Oct 1918), p. 168-184, *pl. 15-18* (uncol.). *Copy*: PERTH. – Trans. 42: 168-184, *pl. 15-18*. 1918.
15: 1919 (read 8 Mai 1919), p. 23-44, *pl. 6-8* (uncol.). *Copy*: PERTH. – Trans. 43: 23-44, *pl. 6-8*. 1919.
16: 1919 (read 9 Oct 1919), p. 349-354, *pl. 32* (uncol.). *Copy*: PERTH. – Trans. 43: 349-354, *pl. 32*. 1919.
17: 1920 (read 8 Jul 1920), cover-t.p., p. 190-197, *pl. 9-10* (uncol.). *Copy*: B. – Trans. 44: 190-197, *pl. 9-10*. 1920.
18: 1920 (read 14 Oct 1920), cover-t.p., p. 374-378, *pl. 22-23* (uncol.). *Copy*: B. – Trans. 44: 374-378, *pl. 22-23*. 1920.
19: 1921 (read 14 Apr 1921), p. 5-24, *pl. 2-4* (uncol.). *Copy*: PERTH. – Trans. 45: 5-24, *pl. 2-4*. 1921.
20: 1922 (read 19 Oct 1922), p. 565-571, *pl. 37* (uncol.). *Copy*: PERTH. – Trans. 46: 565-571, *pl. 37*. 1922.
21: 1923 (read 11 Oct 1923), p. 367-370. *Copy*: PERTH. – Trans. 47: 367-370. 1923.
22: 1924 (read 9 Oct 1924), cover-t.p., p. 253-257. *Copy*: B. – Trans. 48: 253-257. 1924.
23: 1925 (read 8 Oct 1925), cover-t.p., p. 270-275. *Copy*: PERTH. – Trans. 49: 270-275. 1925.
24: 1926 (read 14 Oct 1926), p. 283-286. *Copy*: PERTH. – Trans. 50: 283-286. 1926.
25: 1927 (read 13 Oct 1927), cover-t.p., p. 378-385. *Copy*: B. – Trans. 51: 378-385. 1927.
26: 1928 (read 11 Oct 1928), p. 225-230. *Copy*: PERTH. – Trans. 52: 225-230. 1928.
27: 1929 (read 12 Sep 1929), p. 261-263. *Copy*: PERTH. – Trans. 53: 261-263. 1929.
28: 1930 (read 10 Apr 1930), p. 59-61, *pl. 4* (uncol.). *Copy*: PERTH. – Trans. 54: 59-61, *pl. 4*. 1930.
29: 1931 (read 8 Oct 1931), p. 136-142, *pl. 6* (uncol.). *Copy*: PERTH. – Trans. 55: 136-142, *pl. 6*. 1931.
30: 1932 (read 14 Jul 1932), cover-t.p., p. 39-47, *pl. 1-2* (uncol.). *Copy*: B. – Trans. 56: 39-47, *pl. 1-2*. 1932.

31: 1932 (read 12 Oct 1932), cover-t.p., p. 143-158, *pl. 8-9* (uncol.). *Copies*: B, G. – Trans. 57: 143-158, *pl. 8-9*. 1932.

32: 1934 (read 11 Oct 1934), cover-t.p., p. 168-186, *pl. 10-11* (uncol.). *Copy*: G. – Trans. 58: 168-186, *pl. 10-11*. 1934.

33: 1935 (read 10 Oct 1935), cover-t.p., p. 252-262, *pl. 4-5* (uncol.). *Copy*: G. – Trans. 59: 252-262, *pl. 4-5*. 1935.

34: 1936 (read 8 Oct 1936), cover-t.p., p. [162]-172, *pl. 16*. *Copy*: G. – Trans. 60: 162-172, *pl. 16*. 1936.

35: 1937 (read 14 Oct 1937), cover-t.p., p. 241-249, *pl. 14* (uncol.). *Copy*: G. – Trans. 61: 241-249, *pl. 14*. 1937.

36: 1938 (read 12 Mai 1938), cover-t.p., p. 101-160, *pl. 3-4* (uncol.). *Copies*: G, L. – Trans. 62(1): 101-160, *pl. 3-4*. 1938.

37: 23 Dec 1938 (in journal, read 13 Oct 1938), cover-t.p., p. 352-356, *pl. 20* (uncol.). *Copy*: PERTH. – Trans. 62(2): 352-356, *pl. 20*. 1938.

38: 22 Dec 1939 (in journal, read 14 Sep 1939), p. 240-246, *1 pl.*. *Copy*: PERTH. – Trans. 63(2): 240-246, *1 pl.*. 1939.

39: 20 Dec 1940 (in journal, read 10 Oct 1940), p. 371-375. *Copy*: PERTH. – Trans. 64(2): 371-375. 1940.

40: 19 Dec 1941 (in journal, read 9 Oct 1941), p. 333-334. *Copy*: PERTH. – Trans. 65(2): 333-334. 1941.

41: 18 Dec 1942 (in journal, read 8 Oct 1942), p. 248-249. *Copy*: PERTH. – Trans. 66(2): 248-249. 1942.

42 [erroneous on p. 36 "41"]: 30 Jul 1943 (in journal, read 13 Mai 1943), p. 36-37. *Copy*: PERTH. – Trans. 67(1): 36-37. 1943.

43: 30 Nov 1945 (in journal, read 11 Oct 1945), p. 309-310. *Copy*: PERTH. – Trans. 69(2): 309-310. 1945.

44: 25 Jul 1947 (in journal, read 10 Oct 1946), p. 20-21. *Copy*: PERTH. – Trans. 71(1): 20-21. 1947.

45: 16 Dec 1949 (in journal, read 14 Apr 1949), p. 6. *Copy*: PERTH. – Trans. 73(1): 6. 1949.

21.396. *The flowering and fruiting of Pectinella antarctica* (Cymodocea antarctica) ... From "Transactions of the Royal Society of South Australia ... 1913". Oct.

Publ.: 1913 (read 10 Apr 1913), cover-t.p., p. [1]-5, *pl. 1* (uncol.). *Copy*: B. – Reprinted and to be cited from Trans. Roy. Soc. S. Austral. 37: 1-5, *pl. 1*. 1913.

21.397. *Botany* [Scientific Results of S.A. White's Expedition into the interior of Australia ...] 1914. Oct.

Publ.: 1914, cover-t.p., p. [460]-471, *pl. 38-39* (uncol.). *Copy*: B. – Reprinted and to be cited from Trans. Roy. Soc. S. Australia 38: 460-471, *pl. 38-39*. 1910.

Continuation: 1915, Botany of S.A. White's Expedition into the North-west of South Australia, ib. 39: 823-843. 1915.

21.398. Centenary address – no. 4. *One hundred years of systematic botany in South Australia* ... [Trans. Proc. Roy. Soc. S. Australia ... 1936]. Oct.

Publ.: 23 Dec 1936, cover (identif., date), p. xxxi-xxxiv. *Copy*: NSW. – Reprinted and to be cited from Trans. Proc. Roy. Soc. S. Austral. 60: xxxi-xxxiv. 1936.

Blackburn, Kathleen Bever (c. 1892-1968), British botanist (cyto-taxonomist), studied botany at Bedford College, London, grad. 1913, lecturer in botany at Southlands Training College, Battersea 1914-1918, M.Sc. 1916, D.Sc. London University 1924, lecturer at Armstrong College (later King's College) at Newcastle-upon-Tyne 1918-1947, reader in cytology ib. 1947-1957. (*K.B. Blackburn*).

HERBARIUM and TYPES: Some material at DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 194; Desmond p. 67; Kew 1: 257.

BIOFILE: Valentine, D.H., Watsonia 8: 69-74. 1970 (obit., list of principal publications).

21.399. *The status of the British rose forms* as determined by their cytological behaviour ... Annals of Botany ... 1921. Oct.
Co-author: John William Heslop-Harrison (1881-1967).
Publ.: Apr 1921 (in journal), cover-t.p., p. [119]-188, *pl. 9-10* (uncol.). *Copy*: L. – Reprinted and to be cited from Ann. Bot. 35(138): 159-188, *pl. 9-10*. 1921.

21.400. *Botryococcus and the algal coals*. Part. I. – A reinvestigation of the Alga Botryococcus Braunii Kützing by Kathleen B. Blackburn, D.Sc. Part II. – The Boghead controversy and the morphology of the Boghead Algae by B.N. Temperley, B. Sc. ... Edinburgh (Published by Robert Grant & Son, ...) 1936. Qu. (*Botryococcus*).
Co-author: B.N. Temperley.
Publ.: 1936, p. [i, cover], p. 841-868, *pl. 1-2*. *Copy*: MO. – Issued as Trans. Roy. Soc. Edinburgh 58(3), no. 29. 1936.

Blackman, Vernon Herbert (1872-1967), British botanist, studied at the St. Bartholomew's Hospital and St. John's College Cambridge, 1892-1895, assistant at the Department of Botany of the British Museum, Natural History 1896-1906, lectured at various London Colleges 1906-1907, professor of botany at the University of Leeds 1907-1911, professor of plant physiology and pathology Royal College of Science, London 1911-1929, full professor of botany ib. 1929-1937, director Research Institute of Plant Physiology, Imperial College 1913-1942. (*V.H. Blackman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 124, 284, 323; Barnhart 1: 195; Desmond p. 67-68 (b. 8 Jan 1872, Lambeth, d. 1 Oct 1967, Wimbledon, Surrey); Kew 1: 258; LS 3028-3036, 31.205-31.209; LS suppl. 2823-2826; Rehder 2: 48; Tucker 1: 86.

BIOFILE: Anon., The Times 3 Oct 1967 (obit.); Biol. J. Linn. Soc. 1: xxix [sic err. "xxxi"]. 1969 (obit. not., b. 8 Jan 1872, d. 1 Oct 1967); Who was who 1961-1970: 102.
Brown, W., Ann. Bot. ser. 2. 32: 233-235. 1968 (detailed obit.).
Gregory, P.H., Trans. Brit. mycol. Soc. 51: 351-352. 1968 (obit.).
Porter, H.K., Biogr. Mem. Fellows Roy. Soc. 14: 37-60. 1968 (biogr., bibl., portr.).

21.401. *On the conditions of teleutospore germination* and of sporidia formation in the Uredineae, ... Reprinted from The New Phytologist ... 1903. Oct.
Publ.: Jan 1903 (in journal), cover-t.p., p. [i, title], p. 10-14, *pl. 2*. *Copies*: B, L. – Reprinted and to be cited from New Phytologist 2(1): 10-14, *pl. 2*. 1903.

21.402. On the *relation of fertilisation*, "apogamy" and "parthenogenesis". – Reprinted from the New Phytologist ... 1904. Oct.
Publ.: Jun-Jul 1904 (date on cover-t.p.), cover-t.p., p. [149]-158. *Copy*: L. – Reprinted and to be cited from New Phytologist 3(6-7): 149-158. 1904.

21.403. *On the fertilization*, alternation of generations, and general cytology *of the Uredineae* ... Annals of Botany ... 1904. Oct.
Publ.: Jul 1904 (in journal; Nat. Nov. Oct (1) 1914), *pl. 21-24* (uncol.), p. 323-373. *Copies*: B, L. – Reprinted and to be cited from Ann. Bot. 18(71): 323-373, *pl. 21-24*. 1904.
Ref.: Claussen, P., Bot. Zeit. 63(II): 72-74. 1 Mar 1905 (rev.).

Blaese, Gustav Heinrich (fl. 1868), Latvian botanist, highschool teacher at Mitau ca. 1861, later privy cancellor in Riga. (*Blaese*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 195; BM 1: 169; PR 813; Rehder 1: 363; TR 134.

21.404. *Die natürlichen Familien der* wildwachsenden *Phanerogamen der baltischen Provinzen* Liv-, Kur-, und Esthland. Bearbeitet zum Gebrauche bei botanischen Excursionen ... Riga (Verlag von J. Bacmeister) 1868. Oct. (*Nat. Fam. Phan. balt. Prov.*).
Publ.: Jun-Jul 1868 (p. 4 of part 1 dated 1 Mai 1868; Flora 30 Aug 1868), p. [1]-62, [i]-vi, [1]-63, *pl. 1-6. Copy*: G.
Preliminary publ. (not seen): 1861, p. i-xxxii, 1-75, [1, errata]. – "*Die natürlichen Familien der* wildwachsenden *Phänerogamen* [sic] *Kur-, Liv- und Esthlands*. Mitau 1861, Fr. Lucas'sche Buchhandlung. Duod." – Date taken from the review by D.F.L. von Schlechtendal, Bot. Zeit. 19(28): 198-199. 12 Jul 1881.
Note: Rehder (1: 363) mentions a further edition, Riga 1869, vi and 125 p., 6 pl., possibly a re-issue of the 1868 publication.

***Blainville, Henri Marie Ducrotay de** (1778-1850), French biologist, studied with Cuvier, Dr. méd., professor of natural history at the Collège de France and at the Muséum d'Histoire naturelle, professor of anatony and zoology at the Faculté des Sciences 1812, professor of conchyology at the Muséum 1830, id. of comparative anatomy thus succeeding Cuvier. (*Blainv.*).

HERBARIUM and TYPES: If at all at P/PC.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 69; BM 1: 169-170, 6: 96; CSP 1: 406-408, 7: 185; Kew 1: 259; Quenstedt p. 42; TL-2/1: 227.

BIOFILE: A., B., Rev. Mag. Zool. 2. 2: 291-294. 1850.
Anon., Bot. Zeit. 8(48): 864. 1850 (d. nr. Dieppe in a train between Paris and Rouen); Grand Larousse encyclopédique 2: 162. 1960.
Bédard, J., Séance ann. Acad. Imp. Méd. 15 Dec 1863, Paris 1864, 22 p. (n.v.).
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Flourens, M.J.P., Recueil Éloges historiques 1: 285-342. 1856 (biogr., bibl.).
Lyell, Ch., Quart. J. Geol. Soc. London 7: xxvi. 1851.
Nicard, P., Notices historiques sur la vie et les écrits de M.H. de B., Paris 1850 (bibl. 181 nos., n.v.).
Nordenskiöld, E., Hist. of Biol. 359-361. 1935.
Schwippel, K., Gaea (Cologne) 27: 424. 1891.
Zittel, K.A. von, Gesch. Geol. Paläont. 189, 221, 800, 812, 819, 827, 834. 1899.

NOTE: The *Manuel d'actinologie*, 1830-1834, is available on microfiche IDC 8436.

***Blake, Sidney Fay** (1892-1959), American botanist (Massachusetts born), studied at Harvard, visited Europe 1913-1916, continued his studies 1916-1917, Ph.D. Cambridge (Mass.) 1917, assistant botanist USDA 1917, travelled in Guatemala and Honduras 1918, worked in London, Paris and Genève 1925, in various ranks at USDA until 1959. (*S.F. Blake*).

HERBARIUM and TYPES: LL at Renner, Texas (personal herb. and library), US (orig.), further material at A, B, BM, FI, HH, ILL, K, L, LAM, LCU, M (lich.), MAD, MT, NA, NY, PH, TEX, US. – Field notes at TEX, see also Huntia 4: 153. 1982.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 196 (b. 31 Aug 1892, Stoughton, Mass., d. 31 Dec 1959, Beltsville, Md.); BFM 1398-1399; BJI 2: 14; BL 1: 286 (index); Bossert p. 40; GR p. 205; Hortus 3: 1188; IH 2: 77-78; Kew 1: 259-261; Langman p. 137-139; Lenley p. 33; MW suppl. p. 24; NAF 28B(2): 32, ser. 2. 2: 151-152 (bibl.), ser. 2. 5: 233; NW p. 40; Plesch p. 143; Roon p. 18; TL-2/1: 227-228 and see personal name indexes; Zander ed. 10, p. 636, ed. 11, p. 722.

BIOFILE: Blake, D.H., Taxon 9: 125-141. 1960 (personal recollections of B. by his wife; portr., complete bibl.; d. 31 Dec 1959).
Cabrera, A.L. and M. Ferrario, Bibl. bot. Prov. Buenos Aires 15. 1970.
Correll, H.B., Wrightia 2: 48. 1960 (Texas Research Foundation, LL, acquires library and personal herbarium of B.).
Ewan, J. et al., Short hist. bot. U.S. 99. 1969.
King, R.M. and H. Robinson, Phytologia 24(2): 118. 1972 (commemorative name *Blakeanthus*).
Schubert, B.G., Rhodora 62(744): 325-338. 1960 (obit., portr., personal recollections; b. 31 Aug 1892).
Stafleu, F.A., Taxon 9: 87. 1960, 24: 148-149. 1975.
Steenis, C.G.G.J. van, Fl. males. Bull. 15: 706. 1960 (d., heart attack).
Stewart, R.R., J. New York Bot. Gard. 44: 98. 1943 (rev. *Geogr. Guide* part 1).
Stieber, M.T. and A.L. Karg, Huntia 5(3): 196. 1984 (letters to Degener and Fogg at HU).

NOTE: The *Geogr. Guide fl. world* (part 1), TL-2/548, is also available on microfiche: IDC 5024.

21.405. A *new Aspilia from Trinidad* ... Proceedings of the Biological Society of Washington ... 1911. Oct.
Publ.: 30 Jun 1911 (date on p. 119 of reprint), p. 119-120. *Copy*: BKL. – Reprinted and to be cited from Proc. Biol. Soc. Washington 34: 119-120. 1911.

21.406. I. *A redisposition of the species heretofore referred to Leptosyne*. II. A revision of Encelia and some related genera ... Proceedings of the American Academy of Arts and Sciences ... 1913. Oct.
Publ.: 20 Sep 1913 (date stamped on p. [i]), p. [i], [335]-396, err. slip, *pl. 1* plus [1] p. caption. *Copies*: MO, U. – Reprinted and to be cited from Proc. Amer. Acad. Arts Sci. 49(6): 335-396. 1913. – Also issued as Contr. Gray Herb. ser. 2. 41. 1913.

21.407. *Compositae* new and transferred, chiefly Mexican ... Contributions from the Gray Herbarium ... [1916]. Oct.
Publ.: 18 Jan 1916 (in journal), p. [515]-526. *Copies*: L, MO, U. – Issued as Contr. Gray Herb. ser. 2. 45, 1916, as an unidentified reprint from Proc. Amer. Acad. Arts Sci. 51: 515-526. 1916, hence to be cited from Proc.

21.408. *A revision of the genus Polygala* in Mexico, Central America, and the West Indies ... Cambridge, Mass. (Harvard University Press) 1916. Oct. (*Revis. Polygala*).
Publ.: 10 Aug 1916 (date stamped on t.p.; cover-t.p. has "August 1916"), cover-t.p., p. [i, t.p.], 1-122, *pl. 1-2* (uncol. draw. auct.). *Copies*: L, MO, US. – Independent publication issued in series Contr. Gray Herb. ser. 2. 47, 1916.
Ref.: Anon., ÖBZ 66: 303. 1 Sep 1916 (note).
Trelease, W., Bot. Centralbl. 134(10): 151-152. 6 Mar 1917 (rev.).

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Collector: Harley Harris Bartlett (1886-1960), see TL-2/1: 125-126 and suppl. 1: 344-347.

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Blake, Stanley Thatcher (1911-1973), Australian botanist, born at Brisbane, Queensland on 3 September 1911, educated at the University of Queensland, M. Sc. 1934 (D. Sc. same university 1956), travelled 1935-1937 in W. Queensland, worked on potential rubber-production plants 1936-1946, from 1946-1973 at the Brisbane Queensland Herbarium. (*S.T. Blake*).

HERBARIUM and TYPES: BRI, further material at: B, CANB, HH, K, MEL, NSW, US.

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Blakely, William Faris (1875-1941), Australian (New South Wales) botanist and collector, on the staff of the Jenolan Caves 1898, associated with J.H. Maiden, on the staff of the Sydney Botanic Gardens 1900, assistant at the National Herbarium of New South Wales, Sydney 1913-1940, worked e.g. on Acacia, Loranthus, and Eucalypts, in retirement Honorary Custodian of the New South Wales *Eucalyptus* collection. (*Blakely*).

HERBARIUM and TYPES: NSW, other material at A, CORD, L, MEL, MO.

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***Blakeslee, Albert Francis** (1874-1954), American (N.Y. State) geneticist, educated at East Greenwich (Rhode Isl.) Academy, studied at Wesleyan University, grad. 1896, teaching at secondary schools 1896-1899, studied at Harvard University, masters degree 1900, Dr. phil. 1904, worked at the Botanical Institute at Halle, Germany 1904-1906, instructor in cryptogamic botany at Harvard and Radcliffe College 1906-1907, professor of botany at the Connecticut Agriculture College (incl. director of its garden) 1907-1911, and 1913-1915, at the Station for experimental evolution, Long Island at Cold Spring Harbor 1912-1913, member of id. 1913, resident plant geneticist ib. 1915-1941, sometime concurrently director of the Department of Genetics, Carnegie Institution of Washington, D.C. (*Blakeslee*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 197 (b. 9 Nov 1874, d. 17 Nov 1954); BL 2: 14; BM 6: 91; Kew 1: 263-264; Langman p. 140; Lenley p. 33; LS 3041-3046, 31.214-31.320; LS suppl. 2845-2859, 9805; Moebius p. 101; Plesch p. 143; TL-2/1: 228 and see indexes; Tucker 1: 86.

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Co-author: B.T. Avery (d. 1918, in France).
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Co-authors: Joseph Lincoln Cartledge (b. 1895) and Donald Stuart Welch (1894-1972).
Publ.: Oct 1921 (in journal), cover-t.p., p. 185-219. *Copy*: L. – Reprinted and to be cited from Bot. Gaz. 72(4): 185-219. 1921.

21.467. *Trisonic inheritance in the Poinsettia mutant of Datura* ... Reprinted from the American Naturalist ... 1923. Oct.
Co-author: M.E. Farnham.
Publ.: Nov-Dec 1921 (in journal), p. 481-495. *Copy*: L. – Reprinted and to be cited from American Naturalist 57: 481-495. 1923.

21.468. *Pollen abortion in chromosomal types of Datura* ... Reprinted from the Proceedings of the National Academy of Sciences ... 1926. Oct.
Co-author: Joseph Lincoln Cartledge (b. 1895).
Publ.: Mai 1926 (in journal), cover-t.p., p. 315-323. *Copy*: L. – Reprinted and to be cited from Proc. Natl. Acad. Sci. 12(5): 315-323. 1926.

21.469. *Mutation in a haploid Datura* ... Reprinted ... from the Journal of Heredity, ... 1927. Oct.
Co-authors: Gordon Morrison and A.G. Avery.
Publ.: Mai 1927 (in journal), cover-t.p., frontisp. on p. [ii] of cover-t.p., p. 193-199. *Copy*: L. – Reprinted and to be cited from J. Heredity 18(5): 193-199. 1927.

21.470. *Sterility of pollen in Datura* ... Reprinted ... from Memoirs of the Horticultural Society of New York ... 1927.
Co-author: Joseph Lincoln Cartledge (b. 1895).
Publ.: Jul 1927, cover-t.p., p. 305-312, *pl. 24*. *Copy*: L. – Reprinted and to be cited from Mem. Hort. Soc. New York 3: 305-312, *pl. 24*. 1927.

21.471. *Nubbin* a compound chromosomal type in Datura ... New York (Published by the [New York] Academy [of Sciences]) ... 1927. Oct.
Publ.: 6 Jul 1927 (in journal), cover-t.p., p. [1]-29, chart, *pl. 1-8* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Ann. New York Acad. Sci. 30: 1-29, *pl. 1-8*. 1927.

21.472. *Sexual dimorphism in Mucorales* ... Botanical Gazette ... 1927. Oct.
Co-authors: J.L. Cartledge (1-2), others only (1): D.S. Welch, A.D. Bergnes.
Publ.: *I. Infraspecific reactions*: Sep 1927, p. 27-50. – Reprinted and to be cited from Bot. Gaz. 84(1): 27-50. 1927.
II. Interspecific reactions: Sep 1927, p. [51]-57. – Id. 84(1): 51-57.
Copies: L.

21.473. *The species problem in Datura* ... Reprinted from the Proceedings of the Sixth International Congress of Genetics ... 1932. Oct.
Publ.: 1932, cover-t.p., p. [i, recto of 104], 104-119. *Copy*: B. – Reprinted and to be cited from Proc. 6th. Int. Congr. Genet. 1: 104-120. 1932.

Blanc, Louis (fl. 1898-1910), French engineer with the Department of Engineering at Montpellier. (*Louis Blanc*).

HERBARIUM and TYPES: Unknown.

NOTE: Not to be confused with the St. Étienne and Lyon mycologist and physician Léon Blanc 1856-1890 (see e.g. O. Meyran, Ann. Soc. bot. Lyon 41(1): 33-37, portr., 1920).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 197; BL 2: 165 (err. as Léon Blanc); PFC 1: xxxv; Tucker 1: 86 (err. as Léon Blanc).

BIOFILE: Dörfler, I., Botaniker-Addressbuch ed. 3. 94. 1909.

21.474. *Distribution géographique des Primulacées* ... [Bulletin de l'Herbier Boissier ... 1898]. Oct.
Co-author: Élie Decrock (fl. 1900).
Publ.: Aug 1898 (in journal), p. [1]-16, *pl. 17-18*. *Copies*: B, G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 6(8): 681-696. 1898.
Continuation: Sep 1898 (in journal), p. [17]-33. *Copies*: B, G, U, US. – Id. 6(9): 697-713. 1898.

21.475. *Projets de cartographie botanique* ... Extrait du Bulletin de l'Herbier Boissier ... 1902. Oct.
Publ.: 31 Dec 1901 (in journal), p. [i, identif.], p. [1]-11. *Copies*: B, G. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 1: 24-34. 1901.

21.476. La *végétation aux environs de Montpellier* ... [Bulletin de la Société botanique de France ... 1905]. Oct.
Publ.: Mai 1905 (fide Leussink, Taxon 37(1): 51. 1988 ; read 14 Apr 1905), cover (identif.), p. 203-214, 1 map ("pl. II"). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 52(4): 203-214. 1905.

21.477. La *cartographie botanique* détaillée sur les environs *de Montpellier* pris comme exemple ... [Bull. Soc. Languedocienne de Géographie ... 1905]. Oct.
Co-author: M.E. Hardy (fl. 1905).
Publ.: 1905, cover-t.p., p. [1]-10, col. map, [11, identif.]. *Copy*: L. – Reprinted and to be cited from Bull. Soc. Languedocienne Géogr. 28(1905) (n.v.).

21.478. *Limites de secteurs botaniques auteur de Montpellier* ... [Bull. Soc. bot. France ... 1911]. Oct.
Publ.: early Aug 1911 (fide Leussink, Taxon 37(1): 58. 1988; texts read 28 Apr and 12 Mai 1911), cover-t.p., p. [215]-221, 261-266, *pl. 6*. *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 58(4-5, issued together): 215-221, 261-266, *pl. 6*. 1911.

Blanchard, Frank Nelson (1888-1937), American (Mass.) zoologist, studied at Tufts College, Medford nr. Boston, Mass., A.B. 1913 ib., at the Agricultural College, Amherst, Mass. from 1913, Ph.D. University of Michigan 1919. (*F.N. Blanch.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 197 (b. 19 Dec 1888, d. 21 Sep 1937); TL-2/5289.

21.479. *Two new species of Stigonema* ... [Reprinted ... from Rhodora, ... 1913]. Oct.
Publ.: Nov 1913 (in journal), p. [192]-200, *pl. 105*. *Copy*: L. – Reprinted and to be cited from Rhodora 15(179): 192-200, *pl. 105*. 1913.

Blanche, [Charles] Isidore (1823-1887), French plant collector in Tanger 1850-1851, subsequently consul at Tripoli and Beirut, also collecting plants in Syria. (*C.I. Blanche*).

HERBARIUM and TYPES: Tanger material at AL, MANCH and P-CO, Syria material in AWH, B, BR, C, DS, E, F, FI, G, G-DC, GB, GOET, JE, L, LY, M (lich.), MANCH, OXF, P, P-CO, PC, PH.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 412; Barnhart 1: 198 (d. 11 Dec 1887, Beirut); Hortus 3: 1188; IH 2: 78; Morren ed. 2, p. 59; TL-2/see indexes; Tucker 1: 87 and 572 (sub Puel); Urban-Berl. p. 330; Zander ed. 11, p. 723.

BIOFILE: Anon., Bull. Soc. bot. France 1: 107. 1854 (announcement publ. exsiccatae).
Boissier, E., Fl. Orient. 1: xxv. 1867.
Cosson, E., Comp. fl. atl. 1: 22. 1881 (on his exsicc.).
Cosson, E. and M.C. Durieu, Exp. Sci. Alger Bot. 2: xxi. 1868 (resided in Tanger 1850-1851).
Vincent, L., Bull. Soc. bot. France 10: xxxviii. 1889.

21.480. *Catalogue de l'Herbier de Syrie* ... Paris (Imprimerie de Mme Ve Dondey-Dupré ...) [1854]. Oct. (*Cat. herb. Syrie*).
Publ.: Mai 1854 (p. 2: 31 Mar 1854; rd. by Bull. Soc. bot. France 24 Mai 1854), p. [i], [1]-14. *Copy*: HH. – A copy at G has p. [1]-8; the catalogue may have been published in two parts. *Authorship* to be assigned to Timothée Puel (TL-2/4: 423, q.v.) and Alphonse Maille (1813-1865), TL-2/3: 256).

Blanche, Emmanuel-Louis (1824-1908), French botanist and physician, Dr. méd. Paris 1849, physician at the Hôpital de Rouen, professor at the medical and pharmaceutic school in Rouen. (*Blanche*).

HERBARIUM and TYPES: Unknown, left to Alfred Poussier, "secrétaire de corresppondance de la Société des Amis des Sciences naturelles de Rouen" and to M.A. Gascard at the Musée Saint-Louis (Bihorel-lés-Rouen).

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 203, 204; BM 1: 172; CSP 1: 415, 7: 189; GR p. 306; Jackson p. 291, 472; Kew 1: 265; LS 3055; Morren ed. 2, p. 22, ed. 10, p. 68; PR 820; Rehder 1: 58, 413, 5: xxii; Tucker 1: 86-87.

BIOFILE: Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 212. 1938.
Kerville, H. Gadeau de, Bull. Soc. Amis Sci. nat. Rouen, ser. 5. 44(2): 261-283. 1908 [1909] (obit., b. 10 Mai 1824, Rouen, d. 28 Mai 1908, Blosseville-Bousecours; portr.).

COMPOSITE WORKS: (1) *Observations sur la flore de la Seine-Inférieure* à propos de la quatrième édition de la Flore de la Normandie de M. de Brébisson (Caen 1869), par M. le Dr. Emm. Blanche, p. [1]-35. *Copy*: NY. – For Brébisson's flora see TL-2/723, ed. 4. Jul-Nov 1869.

HANDWRITING: Bull. Soc. Amis Sci. nat. Rouen sér. 5. 44(2): 269. 1909.

21.481. *Rectifications* et additions à la *flore des environs de Rouen* ... [Précis Anal. Trav. Acad. Sci. Rouen ... 1851]. Oct.
Publ.: 1851, p. [1]-46. *Copy*: NY. – Reprinted and to be cited from Précis anal. Trav. Acad. Sci. Rouen 1850/51: 112-158. 1851.

21.482. *Catalogue des plantes cellulaires et vasculaires de la Seine-inférieure* ... Rouen (Imprimerie de H. Boissel, successeur de A. Péron, ...) 1864. Oct. (*Cat. pl. Seine-inf.*).
Co-author: Alexandre François Malbranche (1818-1888), see TL-2/3: 263-264.
Publ.: 1864 (Bull. Soc. bot. France rd. by 24 Mar 1865, but reviewed Nov 1864, sic), p. [i, iii], [1]-166, [167]. *Copies*: G, NY. – Also treated as TL-2/5289; minor corrections provided. – See also BL 2, p. 203 for associated publications. – Reprinted from Précis Trav. Acad. Sci. Rouen 1863-1864 (n.v.).
Ref.: Anon., Bull. Soc. bot. France 11(Bibl.): 115. Nov 1864.

Blanchet, Charles (fl. 1891), French botanist at Dax, SW France, studied pharmacy at the University of Montpellier, Dr. phil. 1880. (*Ch. Blanchet*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 129; Kew 1: 265; Rehder 2: 179, 417; Tucker 1: 87.

BIOFILE: Blanchet, Ch., Du Thapsia garganica ou Bou-néfa des Arabes, Thèse École supérieur de pharmacie de Montpellier, Montpellier 1880, 72 p. (thesis), see Bull. Soc. bot. France 27(Bibl.): 149-150. 1880.

21.483. *Catalogue des plantes vasculaires du Sud-Ouest de la France* comprenant de Département des Landes et celui des Basses-Pyrénées. Ouvrage couronné par la Société des

Sciences et Arts de Pau précédé d'une notice historique sur l'origine et la fondation des Thermes de Dax ... Bayonne (Imprimerie Laserre, ...) 1891. Oct. (*Cat. pl. vasc. S.O. France*).
Publ.: Feb-Apr 1891 (Bull. Soc. bot. France rd. 10 Apr 1891, Bot. Zeit. 31 Jul 1891, J. Bot. Jul 1891, ÖBZ 1 Aug 1891), p. [i]-xviii, [1]-172. *Copies*: G, MO, NY.
Ref.: Malinvaud, E., Bull. Soc. bot. France 39(Bibl.): 176. 1892 (rev.).

***Blanchet, Jacques Samuel** (1807-1875), Swiss (Vaud) botanist and collector, grew up in Vevey, sometime commercial traveller for a wine-store ib., commission-agent at Bahia for a Swiss export firm 1828-1856, also collecting plants and animals from the State of Bahia, in part grown in a garden in Bahia, also distributing material collected in the state by others, returned to Switzerland 1856, settling at Vevey. (*Blanchet*).

HERBARIUM and TYPES: G. – Further material at A, AWH, B, BAS, BM, BP, BR, C, DR, E, F, FI, GOET, HBG, HH, K, KIEL, L, LD, LE, LIV, LZ, M, MO (Bernhardi herb.), NCY, NY, OXF, P, P-JU, PC, PG, PH, S, SP, TCD, U, US, W, WB, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 198; Bossert p. 41; Clokie p. 133; IH 2: 78; TL-2/1: 228 and see indexes; Urban-Berl. p. 330.

BIOFILE: Anon., Flora 30: 414. 1847; Bonplandia 6: 342. 1858.
Candolle, Alph. de, Phytographie 396-397. 1880.
Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 60. 1970.
Miquel, F.A.W., Linnaea 22(7): 793-807. Mai 1850 (manipulus stirpium Blanchetianarum in Brasilia collectarum).
Stafleu, F.A., *in* P. Smit and R.J.Ch.V. ter Laage, eds., Essays in biohistory 324, 338. 1970 (Regn. veg. 71).
Urban, I., Bot. Jahrb. 21(3), Beibl. 52: 1-5. 1895 (biogr., b. 8 Mai 1807, d. 20 Mar 1875, many details on his way of working); *in* Flora bras. 1(1): 7. 1906 (itin.).
Wagenitz, G., Index coll. princ. herb. Gotting. 26. 1982.
Wittrock, V.B., Acta Horti Berg. 3(2): 149, 181. 1903, 3(3): 203. 1905 (on portr.).

HANDWRITING: Burdet, H.M., *Auxilium ad botanicorum graphicem*, Genève 1979 (in alph. order), also in Candollea 27(2): 325-326. 1972.

Blanchet, Rodolphe (1807-1860), Swiss botanist, from 1845 curator of the "Musée botanique" at Lausanne. (*Rod. Blanchet*).

HERBARIUM and TYPES: LAU (rd. 1898). – Further material at B, FI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 198 (b. 13 Mai 1807); BM 1: 172; Jackson p. 345; Kew 1: 265; LS 3058-3061, 31.222; PR 821-825, ed. 1: 928-931; Rehder 1: 434, 3: 172, 546, 548, 4: 505; Urban-Berl. p. 330.

BIOFILE: Stieber, M.T. and A.L. Karg, Huntia 5(3): 196. 1984 (mss. at HU).
Wilczek, E., Bull. Soc. vaudoise Sci. nat. 60(245): 10. 1937 (B. succeeded Ed. Chavannes-Dutoit as curator of LAU 1845).

21.484. *Catalogue des plantes vasculaires* qui croissent naturellement dans le Canton *de Vaud*, publié par la Société des Sciences naturelles de ce canton ... Vevey (Imprimerie de Loertscher et Fils) 1836. Duod. (*Cat. pl. vasc. Vaud*).
Publ.: 1836, p. [i]-xxiv, 1-128. *Copies*: G, LC, NY.

21.485. *Influence de l'ammoniaque* et des sels ammoniacaux *sur la végétation* ... Lausanne (Imprimerie et Librairie de Marc Ducloux, ...) 1843. Oct.

Publ.: 1843 (read Jul 1842; Bot. Zeit. 29 Dec 1843), p. [1]-36. *Copy*: LC. – Short preliminary publ.: *Influence de l'ammoniaque et des combinaisons azotés sur la végétation* in Verh. Schweiz. Naturf. Ges. 27: 101-102 (Beil. 13). 1842.
Ref.: H.M., Bot. Zeit. 2: 334-335. 3 Mai 1844 (rev.).

21.486. *Les champignons comestibles de la Suisse* ... Lausanne (au Dépot bibliographique de J. Chantrens, ...) 1847. Oct. (*Champ. comestibl. Suisse*).
Publ.: 1847, p. [1]-18, [19-20], *3 pl.* (col. liths.). *Copies*: B-S, G, LC, NY.

***Blandow, Otto Christian** (1778-1810), German pharmacist and botanist, practicing in Mecklenburg at Neubrandenburg, Malchin and, ultimately at Waren, also active as notary. (*Blandow*).

HERBARIUM and TYPES: See TL-2/1: 231-232. – Additional information: material collected by Blandow so far known is at B, BERN, BM, G, FH, H, PC, REG, ROST, TO, W. – Blandow published also a "*Systematisch-tabellarische Sammlung von Laubmoosen*" 1808, 22 p. with mounted specimens with their names (n.v.). See BM 1: 173.

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 555; Barnhart 1: 198 (b. 5 Aug 1778, Waren, Meckl., d. 15 Mar 1810, id.); BM 1: 173; CSP 7: 190; Frank 3(Anh.): 11; IH 2: 78; Kew 1: 265; Lasègue p. 290; NDB 2: 178; PR 829; SBC p. 116; TL-1: 36; TL-2/1: 231-232; Urban-Berl. p. 294.

BIOFILE: Blandow, O.C., Bot. Zeit., Regensburg 3: 234-239. 1804 (note on Mecklenburg musci to be distr.); Neu. J. Bot. 2(2-3): 370-371. 1807 (1808).
Boll, E.F.H., Fl. Meckl. 148. 1860 (biogr. info., exsicc., floristics).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 426. 1877.
Ilg, W., Hoppea 42: 100, 180, 267. 1984.
Oltmanns, F., Arch. Ver. Freunde Naturgesch. Mecklenburg 47: 125. 1894.
Sayre, G., Dates publ. descr. Musci 18, 23, 30, 35. 1959; Mem. New York bot. Gard. 19(2): 184. 1971.

COMPOSITE WORKS: (1) See J. Sturm, *Deutschl. Fl. Abth. II, Crypt.* 3(9-11), 1809-1810, see TL-2/13.335 on p. 69.

21.487. *Uebersicht der Mecklenburgischen Moose* nach alphabetischer Ordnung ... [Neustrelitz] (Gedruckt auf Kosten des Verfassers) 1809. Oct. (*Uebers. Mecklenb. Moose*).
Publ.: 1809 (p. [4] preface signed Apr 1809), p. [1]-16. *Copy*: G.

Blanford, Henry Francis (1834-1893), British meteorologist, geologist and botanist, studied at the British Royal School of Mines 1851-1854, at the University of Freiburg, Baden 1854-1855, with the Geological Survey of India 1855-1862, professor at Presidence College, Calcutta 1862-1874, also meteorological reporter to the Government of Bengal from 1867, idem for the Indian Government 1875-1889, returned to Great Britain 1889 settling at Folkestone. (*Blanf.*).

HERBARIUM and TYPES: Some material at MANCH (pterid.), M (pterid.) and US.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 173; CSP 7: 190-191, 9: 258-259, 13: 595-596; DSB suppl. 1: 217; IF p. 682, suppl. 4, p. 314; IH 2: 78; Kew 1: 265; Quenstedt p. 43 (b. 7 Oct 1834, d. 23 Jun 1893); Rehder 4: 49; Tucker 1: 87, 659.

BIOFILE: Anon., Nature 47(1214): 322-323. 1893 (obit.); Leopoldina 29: 55. 1893 (obit. not.); Geol. Mag. ser. 2. dec. 3. 10: 191-192. 1893 (obit., d. 23 Jan 1893); Quart. J. Geol. Soc. London 49: 52-54. 1893 (obit.).

Pedler, A., Proc. Asiat. Soc. Bengal 1893: 72-74. 1894 (obit.).
W.T.B., Proc. Roy. Soc. London 54: xii-xix. 1894 (obit.).
Zittel, K.A. von, Gesch. Geol. Paläont. 611, 700. 1899.

21.488. The *Silver ferns of Simla* and their allies: read before the Simla Natural History Society ... [Calcutta ... 1886]. Oct.
Publ.: 1886, p. [1]-12. *Copy*: G. – Reprinted and to be cited from J. Simla Nat. Hist. Soc. 1: 13-22. 1886.

21.489. *An annotated list of the ferns of Simla* between the elevations of 4.500 and 10.500 feet ... (Printed for private distribution only) ... [Calcutta] (Printed by the Calcutta Central Press. Co., Ld. [s.d., ca. 1888]). Oct. (*Annot. list ferns Simla*).
Publ.: Unknown, probably circa 1888 (the G copy has a letter from Christ to Autran 30 Mar 1892 in which Christ states that he too does not know the date. He adds [translated]: "I think that this is an independent publication such as the English in the Indies now and then produce". – cover-t.p., p. [1]-18. *Copy*: G.

21.490. *A list of the ferns of Simla* in the N.-W. Himalaya between levels of 4,500 and 10,500 feet ... Calcutta (Printed by G.H. Rouse, Baptist Mission Press) 1889. Oct.
Publ.: 23 Mar 1889 (read 6 Jun 1888, publ. in journal on 23 Mar 1889), p. [1]-24, *pl. 16-21* (uncol. liths. by Charles Fitch). *Copy*: L. – Reprinted from J. Asiatic Soc. Bengal 57(2) [no. 4]: 294-315, *pl. 16-21*. 1889.

Blank, Fritz (1914-x), German botanist, born in Horn (Lippe - Deutschland), educated in Horn at the elementary school 1921-1925, in Bad-Meinberg "Privat-Lehrinstitut" 1925-1929, "Staatliche Oberrealschule" in Detmold 1929-1933, "Maturitätsprüfung" 1933, practicing agriculture in Fegersheim, Bas-Rhin, France 1933-1934, at the Eidgenössischen Technischen Hochschule, Zürich 1934-1939, "Ingenieur-Agronom" diploma 1938, Dr. phil. Zürich 1939. (*F. Blank*).

HERBARIUM and TYPES: Unknown.

21.491. Beitrag zur Morphologie von *Caryocar nuciferum* L. Von der Eidgenössischen Technischen Hochschule in Zürich zur Erlangung der Würde eines Doktors der Naturwissenschaften genehmigte Promotionsarbeit ... Bern (Buchdruckerei Büchler & Co.) 1939. Oct. (*Caryocar nucif.*).
Publ.: 22 Aug 1939 (date on p. [ii]), cover-t.p., p. [i-iii], [437]-494, [495, "Lebensabriss"]. *Copy*: L. – Preprinted from Ber. Schweiz. Bot. Ges. 49: 437-494. 1939.
Regular publ.: 22 Aug 1939 (id.), cover-t.p., p. [i, iii half title], [437]-494. 1939. *Copy*: L. – Id.

Blankinship, Joseph William (1862-1938), American botanist, studied at Harvard University, assistant in botany 1894-1898, A.B. 1894, A.M. 1896, Ph.D. 1898, professor of botany, Montana Agricultural College, Bozeman 1898-1905, later consulting pathologist but continuing his botanical exploration of Montana until ca. 1920, later resident of Kelseyville, Calif. as plant pathologist for smelter companies there and in other cities in Utah and Montana. (*Blank.*).

HERBARIUM and TYPES: US (orig.); further material at B, BM, C, CS, CU, E, F, HH, ISC, KSC, L, LAU, MEXU, MICH, MO, MONT, NH, NMC, NY, PH, POM, RM, RSA, S, WELC, WTU. – Collector's field notes at US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 199 (b. 23 Feb 1862, Glasgow, Ill., d. 2 Jul 1938, Decoto, Calif.); BJI 2: 14-15; BL 1: 166, 194, 195, 215; Ewan ed. 1: 166, 228, ed. 2: 22 (source of our caption; major source); GR p. 205; Hortus 3: 1188; IH 2: 78; Kew 1: 266; LS 31.226; LS suppl. 2865; NAF 28B(2): 320, ser. 2. 6: 57; NW p. 40; TL-2/see indexes; Tucker 1: 87; Urban-Berl. p. 330.

BIOFILE: Anon., Bot. Jahrb. 26, Beibl. 61: 4. 31 Jan 1899 (apptd. at Agric. Coll. Montana); Science 92(2388): 306. 1940 (d. 2 Jul 1938 at Decoto, Calif.).
Blankinship, J.W., Montana Agric. Coll. Sci. Stud. 1: 12, 17. 1905 (collections, bibl.).
Pennell, F.W. and J.H. Barnhart, Monogr. Acad. Sci. Philadelphia 1: 601. 1935 (colls.).
Prescott, G.W., Bibl. Desmid. univ. 56. 1984.
Stieber, M.T. et al., Huntia 4(1): 54. 1981 (archival mat. in HU), 4(2): 151-202. 1982 (field notes at US).
Thomas, J.H., Huntia 3: 42. 1969 (expl.).

COMPOSITE WORKS: (1) *Plantae Lindheimerianae* part 3, 25 Nov 1907, see Georg Engelmann, TL-2/1690. Parts 1 and 2 by Georg Engelmann and Asa Gray. – See also BL 1: 215.

21.492. Bulletin no. 30. Montana Experiment Station of the Montana College of Agriculture. *Weeds of Montana* ... Bozeman. Montana (The Avant Courier Publishing Co., ...) 1901. Oct. (*Weeds Montana*).
Publ.: Jun 1901 (date on t.p.), p. [1]-70. *Copies*: L, MO.

21.493. *The plant-formations of Eastern Massachusetts* ... from Rhodora ... 1903. Oct.
Publ.: Mai 1903 (in journal), cover-t.p., p. 124-137. *Copy*: L. – Reprinted and to be cited from Rhodora 5(53): 124-137. 1903.

21.494. *A century of botanical exploration in Montana*, 1805-1905: collectors, herbaria and bibliography ... Bozeman, Montana (Published by the [Montana Agricultural] College) 1904. Oct. (*Cent. bot. expl. Montana*).
Publ.: 1 Nov 1904, p. [1-3], 4-31. *Copies*: FAS(B), L, MO, NY, U. – Issued as Montana Agric. Coll. Sci. Stud., Bot. 1(1): 1-31. 1904.

21.495. *Supplement to the flora of Montana*: additions and corrections ... Bozeman, Montana (published ... by the [Montana Agricultural] College) 1905. Oct. (*Suppl. fl. Montana*).
Publ.: 25 Apr 1905 (see p. [35]), p. [33]-109. *Copies*: FAS(B), L, MO, NY. – Issued as Montana Agric. Coll. Sci. Stud., Bot. 1(2): 33-109, 6 "plates" in text. 1905.
Ref.: Ulbrich, E., Bot. Jahrb. 40 (Lit.): 114. 1908 (rev.).

21.496. *Native economic plants of Montana* ... Bozeman, Montana ... 1905. Oct. (*Native econ. pl. Montana*).
Publ.: Apr 1905 (date on t.p.), p. [1= t.p.]-36, [37-38]. *Copies*: MO, WAG. – Issued as Bull. no. 56 Montana Agric. Coll. Exp. Sta., 1905.
Ref.: Ulbrich, E., Bot. Jahrb. 40(Lit.): 126. 1908 (rev.).

21.497. *Common names of Montana plants* ... Bozeman, Montana (Published ... by the [Montana Agricultural] College). 1905. Oct. (*Comm. names Montana pl.*).
Co-author: Hester F. Henshall.
Publ.: 6 Mai 1905 (date on p. [125]), frontisp., [113]-139. *Copies*: FAS(B), MO, NY. – Issued as Montana Agric. Coll. Sci. Stud., Bot. 1(3): 113-139. 1905.

Blaringhem, Louis Florimond I. (1878-?), French geneticist, associated with the Muséum d'Histoire naturelle, Paris; prix Bonaparte 1910. (*Blaringhem*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 199 (b. 1 Feb 1878, Locon Pas de Calais); Kew 1: 266; LS suppl. 2866-2883.

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Publ.: 25 Jan 1911 (date of printing on cover-t.p.), cover-t.p., p. [275]-307, *pl. 6* with 2 p. text. *Copy*: L. – Reprinted and to be cited from Bull. Sci. France Belg. 44(4): 275-307, *pl. 6* with text. 1911.

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Publ.: 1911, p. [i-iv], [1]-353. (n.v.).
Reprint: Feb 1920, p. [i-iv], [1]-353. *Copy*: U.
Ref.: L.V., Bull. Soc. bot. France 59(7): 670-671. 4 Jan 1913 (rev.).

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Publ.: Jul-Dec 1913 (preface 1 Jun 1913), p. [i]-xii, [13]-192. *Copy*: U.

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Publ.: Aug 1919 (date of printing on p. [319]), p. [i-iv], [1]-317, [319]. *Copy*: U.

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Publ.: 1928, cover-t.p., p. [i]-xiii, [1]-194, [195-196]. *Copy*: U.

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Authorship: Louis Blaringhem, Joseph Magron, Elias Melin, Fernand Moreau, Ernest Pinoy, M.C. Rayner.
Publ.: 1937, p. [i-iv], [1]-88, [89-91]. *Copy*: U.

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Authorship: Main author L. Blaringhem, further authors M. Alabourette, L. Daniel, A. Guillaumin, R. Kühner, Mme. L. Lavier-George, R. Maire, E. Marsais, A. Meunissier, E. Miège, M. Simonet, Mme. C. Sosa-Bourdouil.
Publ.: 1937, p. [i-iv], [1]-92, [93, 95]. *Copy*: U.

Blasdale, Walter Charles (1871-1960), American chemist and amateur mycologist, studied at the University of California, B.S. 1892, Ph.D. 1900, instructor in chemistry ib. 1895-1903, assistant professor 1903-1919, professor of chemistry 1919-1921, emer. 1941. (*Blasdale*).

HERBARIUM and TYPES: UC. – Further material at B, CUP, L, PUR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 199 (b. 10 Jan 1871, Jericho, N.Y.); IH 2: 78; Kew 1: 266; LS 3067-3071; LS suppl. 2884; NAF 7(15): 1052; Rehder 2: 42; Urban-Berl. p. 273.

BIOFILE: Anon., Amer. men sci., ed. 9. 1: 167. 1955.
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Blasquez, Pedro (fl. 1865), Mexican botanist. (*P. Blasquez*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 199; Langman p. 141 (sub Blazquez); Morren ed. 10: p. 137; PR 831.

21.512. *Memoria sobre el Maguey mexicano* (Agave Maximilianea) escrita por los hacendos ... y dedicada à los augustos monarcas de México Maximilia 1. y Carlota Puebla 1864. México (Imprenta de Andrade y Escalante ...) 1865. Oct. (*Mem. Maguey mex.*).
Co-author: Ignacio Blasquez (fl. 1865), sometime professor of natural history at the Colegio de Estado de Puebla (Morren ed. 10, p. 137).
Publ.: 1865, p. [1]-32, [33], *pl. 1-2* (col. liths. in text). *Copies*: B-S, G, NY.
Ed. 2: 1897, p. [1, t.p.]-73. *Copy*: NY.
Ref.: Anon., Flora 49(22): 348-349. 25 Aug 1866 (rev.); Bull. Soc. bot. France 14(Bibl.): 16. 1867.

***Blatter, Ethelbert**, S.J. (1877-1934), Swiss Jesuit and botanist, born in Canton Appenzell, entered the Society of Jesus (1896) 1903, studied at Valkenburg (Limburg, Netherlands), became an ardent botanist, at St. Xavier's College, Bombay as botany teacher 1904-1908, followed a course in theology at Ore, nr. Hastings, England 1908-1913, returned to St. Xavier's college 1915, Principal ib. 1919, chaplain at Panchgami from 1925. (*Blatt.*).

HERBARIUM and TYPES: BLAT, further material at B, BM, K, PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 199; BFM 1544; BJI 2: 15; Desmond p. 70; IF suppl. 3: 202; IH 2: 79; Kew 1: 266-267; LS 3074; LS suppl. 2886-2887; MW p. 44; NI 172; SBC p. 116; TL-2/1: 232-233 and see indexes.

BIOFILE: Ali, S., J. Bombay Nat. Hist. Soc. 79(1): 41-43. 1982 (brief biogr., portr., rôle in Bombay Nat. Hist. Soc.).

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2: 12 Oct 1910 (id.), cover-t.p., p. 1-14, *pl. 2-5*. – Id. 20(2): 347-360, *pl. 2-5*. 1910.

3: 31 Jan 1911 (id.), cover-t.p., p. [1]-31, *pl. 6-11*, map B. – Id. 20(3): 675-705, *pl. 6-11*, map B. 1911.

4: 20 Mai 1911 (id.), cover-t.p., p. 1-15, *pl. 12-17*. – Id. 20(4): 981-995, *pl. 12-17*. 1911.

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Co-author: F. Hallberg (x-1924) and C. McCann.
Publ.: Oct 1919 (in journal), cover-t.p., p. [1]-61. *Copy*: B. – Reprinted and to be cited from J. Ind. Bot. 1(1): 1-61. 1919.

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Co-author: J.F. d'Almeida (professor of Botany, St. Xavier's College, Bombay).
Publ.: 1922 (p. [v]: preface 2 Feb 1922), frontisp., p. [i]-viii, [1]-228, *pl. 1-15, 5a* (frontisp. and *pl. 5a* colored). *Copies*: L, MO, U.
Ref.: Engler, A., Bot. Jahrb. 58(Lit.): 76. 1923 (rev.).
Anon., J. Bot. 61: 63. Feb 1923 (rev.).

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Co-author: C. McCann.
Publ.: 31 Mai 1928 (in journal), cover-t.p., *1 pl.* (uncol.), 1-4. *Copy*: L. – Reprinted and to be cited from J. Bombay Nat. Hist. Soc. 32(4): 733-736. 1928.

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Publ.: *1*: 1927 (Nat. Nov. Feb 1928), frontisp. (col.), p. [i]-xv, [1]-197, *pl. 1-33* (col., in text). – Illustrations in both vols. by Mrs. G.A. Wathen and Haldar Joo Walli.
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Copies: B, G, L, NY.
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Co-authors: C. McCann and I.S. Sabnis.
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21.525. *The Bombay grasses* ... Delhi (Manager of Publications [of the Imperial Council of Agricultural Research]) 1935. Qu. (*Bombay grass.*).
Co-author: C. McCann. – Illustrations by R.K. Bhide.
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Co-author: Walter S. Millard.
Publ.: 1937, col. frontisp., p. [i]-viii, [ix-x], [1]-110, *30 col. pl.*, [p. 1-37 with 60 uncol. phot.]. *Copy*: G.
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Ed. 2: 3 Mar 1955 (t.p. date 1954, W.T. Stearn informed us that the actual date of publ. was 3 Mar 1955; ed. 2 has various new combinations). Second edition revised by W.T. Stearn, p. [i], col. frontisp., [iii]-xv, [1]-165, [166], *pl. 1-31* (col.), *pl. 1-47* (uncol. phot.). *Copies*: L, MO, U.
Ref.: Lawrence, G.H.M., Baileya 3: 151. 1955 (confirms the date of publ.: 3 Mar 1955).

Blau, [Ernst] Otto [Friedrich Hermann] (1828-1879), German (Nordhausen) diplomat and botanist, studied oriental languages at the University of Halle and Leipzig 1848-1851, entered the foreign service of Prussia 1852, Dr. phil. Halle 1855, stationed at the Constantinople embassy, later at consulates in Trapezunt and Sarajevo, travelled in Turkey and Northern Persia, collected plants 1868-1872, consul at Sarajevo for Bosnia and Herzegowina 1864-1870, 1870-1872 first consul, from 1872 consul at Odessa. (*O. Blau*).

HERBARIUM and TYPES: B(2000) and STR, also GLM (coll. Crimea).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 257; IH 2: 79; Rehder 1: 447; Tucker 1: 87; Urban-Berl. p. 330.

BIOFILE: Anon., Bull. Soc. bot. France 26(Bibl.): 91. 1879 (d. 26 Feb 1879).
Ascherson, P., Bot. Zeit. 37(16): 260-261. 18 Apr 1879 (b. 21 Apr 1828; obit.).
Beck, G., Veget.-Verhältn. Illyr. Länd. 15-16. 1901 (Veg. Erde 4; itin.).
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Glotz, E., Abh. Ber. Naturk.-Mus. Görlitz 37(1): 30. 1961 (Crimea coll. at GLM).
Persch, S., letter to D.K. Ferguson, Antwerp. 15 Apr 1975 (copy in TL-2/files, info. on his diplomatic career).

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Co-author: H. Kiepert (text on p. 186-232) on cartography and statistics.
Publ.: 1877, frontisp., p. [i]-viii, [ix], [1]-231, [232], 1 unnumbered folded uncol. map. *Copy*: B-S.

Blau, Johannes (fl. 1904), Swiss botanist, Dr. phil. 1904 at Zürich. (*J. Blau*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 98; Kew 1: 267.

21.528. *Vergleichend-anatomische Untersuchung der schweizerischen Juncus-Arten.* Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Hohen philosophischen Fakultät (Mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Zürich (Druck von F. Lohbauer, ...) 1904. Oct. (*Vergl.-anat. Unters. Schweiz. Junc.*).
Publ.: 1904 (ÖBZ Aug-Sep 1904), p. [1]-82, *pl. 1-4* (uncol.). *Copies*: BM, G, K.

Blechingberg, William Andreas (1867-?), Danish forester and botanist, graduated 1885, master of forestry 1892, assistant with the State forests 1897-1909, from then on forest supervisor nr. Bornholm. (*Blechingberg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 200.

BIOFILE: Christensen, C., Den Danske Bot. Litt. 1890-1911. 167. 1913 (2 publ. listed; b. 24 Jan 1867).

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Publ.: 1896 (p. 3: Mai 1896), cover-t.p., p. [i-iv], [1]-117. *Copy*: B.
Preliminary publ.: 1894, Om Mosekulturer, Tids. Skovvaessen 6B: 1-40. 1894 (n.v.; fide Christensen).

***Bleicher, Joseph** (fl. 1899), German highschool teacher and botanist at Ingolstadt. (*J. Bleicher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: TL-2/1: 233.

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Publ.: *1*: 1898 (Programm for the school-year 1898/1899, hence publ. 1898, c. Jun-Aug), p. [i*], [1]-48.
2: 1900 (Id. for 1900/1901), p. [i]-xii, 49-87.
Copies: B, M. – Curtesy Ms. I. Haesler, München.

Bleicher, Marie Gustav (1838-1901), French palaeobotanist, born at Colmar, Alsace, Dr. Sci., professor of Histoire naturelle at the École supérieure de Pharmacie de Nancy. (*Bleicher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 200 (b. 18 Sep 1838, Colmar, d. 8 Jul 1901, Nancy).

BIOFILE: Tschirch, A. et al., Allgemeine Pharmakognosie ed. 2. 1(2): 1022. 1932.

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Publ.: 1890, p. [i]-viii, [9]-320. *Copy*: G. – *Note*: "État actuel de la Flore" on p. 155-209.

Bleier, Hubert (1896-x), Austrian graduated agricultural engineer, assistant at the phytopathology department of the college of soil science Vienna 1926, lecturer at the Agricultural Institute of the University of Jena 1936, in addition idem on chromosome research and genetics at Halle a. Saale. (*Bleier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 200; Kew 1: 267.

BIOFILE: Anon., ÖBZ 75: 132. 1926 (apptd. Vienna), 86: 240. 1937 (in addition same at Halle a. S.); Hedwigia 76(2): (142). 1936 (id. Jena).

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21.535. *Bastardkaryologie* ... Sonderabdruck aus Bibliographia Genetica ... ['s Gravenhage] (Martinus Nijhoff). 1934. Oct.
Publ.: 1934, cover-t.p., p. [393]-489. *Copy*: MO. – Reprinted and to be cited from Bibl. genet. 11: 393-489. 1934.

Blenk, Paul (fl. 1884), German botanist who studied at the University of Erlangen, Dr. phil. id. 1884, died at San Remo on 30 Dec 1886. (*Blenk*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 200; Rehder 1: 110.

BIOFILE: Anon., Ber. deut. bot. Ges. 4: cccxiv. 1886 (d. 30 Dec, San Remo).

21.536. *Die durchsichtigen Punkte der Blätter* in anatomischer und systematischer Beziehung. Von der hohen philosophischen Fakultät der Universität München preisgekrönte Abhandlung zugleich Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Universität Erlangen vorgelegt von Paul Blenk absolv. Apotheker. Regensburg (Druck der F.H. Neubauer'schen Buchdruckerei (F. Huber)) 1884. Oct. (*Durchsicht. Punkt. Blätt.*).
Publ.: 1884 (Nat. Nov. Jan (2) 1885, Bot. Zeit. 27 Feb 1885), p. [1]-98. *Copy*: L. – Preprinted or reprinted from Flora 67: 49-57. 1 Feb, 97-112. 21 Feb, 136-144. 1 Mar, 204-210.

11 Apr, 223-225. 21 Apr, 275-283. 21 Mai, 291-299. 1 Jun, 339-349. 21 Jun, 355-370. 1 Jul, 371-386. 11 Jul 1884.
Ref.: Pax, F.A., Bot. Jahrb. 6(Lit.): 54-55. 17 Mar 1885 (rev.).

Blewitt, Arthur Edmond (1872-1960), American botanist, with the U.S. Postal Service at Waterbury, Connecticut, in retirement lecturer on nature topics in public schools, interested in the local flora, active in the Connecticut Botanical Society from 1906 and other Connecticut nature clubs. (*Blewitt*).

HERBARIUM and TYPES: NEBC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 200 (b. 23 Jul 1872, Swanton, Vt., d. 31 Dec 1960, Waterbury, Conn.); BL 1: 171; IH 2: 79.

21.537. *Flora of Waterbury*, Conn. and vicinity ... 1926. Oct. (*Fl. Waterbury*).
Publ.: 1926 (preface: 14 Apr 1926), p. [1]-160. *Copies*: MO, NY.

Bley, Franz (1881-?), German agriculturist and botanist, born in Banaran, Semarang, Java, at the dutch school at Surakarta, Java, to Germany 1889, "Volksschule" Jever, Oldenburg, Gymnasium, "Volontär" nr. Jever on an agricultural estate, from Oct 1900 at the agricultural university and at the regular university of Halle, returned to Java 1905, to Zürich University 1908, from 1914-1920 again in Java, studied again in Zürich 1920, ib. Dr. phil. 1925. (*F. Bley*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 70; Barnhart 1: 200; Kew 1: 267; SK 1: 61.

BIOFILE: Dammerman, K.W., Ann. Jard. Bot. Buitenzorg 45(1): 41, 43. 1935.

21.538. Zur *Embryologie von Laurembergia javanica* (Miq.) Schindler. Inaugural-Dissertation zur Erlangung der Philosophischen Doktorwürde vorgelegt der Philosophischen Fakultät II der Universität Zürich ... Freiburg i. Br. (Speyer & Kaerner, ...) 1925. Oct. (*Embryol. Laurembergia*).
Publ.: 1925, p. [1]-31, [32, curr. vit.], *2 pl.* (uncol. phot.). *Copy*: L. – Issued as Arb. Inst. allgem. Bot. Univ. Zürich, ser. 2. 6.

Bley, Franz (fl. 1896-1898), German botanist. (*Bley (Brocken)*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 1: 532.

21.539. Die *Flora des Brockens* gemalt und beschrieben ... Nebst einer naturhistorischen und geschichtlichen Skizze des Brockengebietes ... Berlin (Verlag von Gebrüder Borntraeger) 1896. Oct. (*Fl. Brockens*).
Publ.: *Ed. 1*: Jan-Apr 1896 (Bot. Zeit. 1 Jun 1896, Bot. Centralbl. 22 Mai 1896, Allg. Bot. Z. 2. 15 Jul 1896, Nat. Nov. Mai 1896), p. [1]-46, *pl. 1-9* (col. draw.) (n.v.).
Ed. 2: 1898 (Bot. Monatschr. Jul 1898, Bot. Centralbl. 23 Jun 1898, Nat. Nov. 2 Mai 1898), p. [1]-46, *pl. 1-9* (col. draw.), [47, adv., 48, impr.]. *Copy*: L.
Ref.: Ebert, O., Bot. Centralbl. 76(44/45): 196-197. 26 Oct 1898 (rev.).
A.K., Allg. Bot. Z. 2: 155. 16 Sep 1896 (rev.).
Roth, E., Bot. Centralbl. 57(32): 183. 4 Aug 1896 (rev.).
Anon., Bot. Monatschr. 15(3): 90-91. Mar 1897 (rev.).

Bliding, Carl Vilhelm (1891-x), Swedish teacher (lector) and botanist, Dr. phil. 1928, lector at Borås, student of the taxonomy and development of the Ulvaceae. (*Bliding*).

HERBARIUM and TYPES: LD (1969 still as private collection).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 201; Roon p. 18.

BIOFILE: Anon., Generalreg. Bot. Not. 1839-1938: 10. 1939 (see 2 publ. in 1929: 63, and 1938: 83).
Bliding, C.V., I.A.P.T. Questionaire for a directory of specialists s.d.
Dahlgren, K.V.O., *in* R.E. Fries, Short hist. Bot. Sweden 81. 1950.
Fries, R.E., Short hist. Bot. Sweden 61. 1950.
Hunt Institution, Biogr. dict. bot. portr. 41. 1972 (portr. at Hunt).
Koster, J.Th., Taxon 18: 549. 1969 (coll. algae private).

21.540. Studien über die *Florideenordnung Rhodymeniales* ... Lund (C.W.K. Gleerup). Leipzig (Otto Harrassowitz) [1928]. Qu.
Publ.: 1928 (mss. submitted 8 Feb 1928), cover-t.p., p. [1, t.p.], [2, date of submitting], [3]-74. *Copy*: L. – Issued as Lunds Univ. Årsskr., ser. 2. Avd. 2. 24(3). 1928 and Kungl. Fysiogr. Sällsk. Handl. ser. 2. 39(3). 1928.

21.541. Studien über die *Entwicklung und Systematik in* der Gattung *Enteromorpha* I-II ... Botaniska Notiser 1938, 1939. Oct.
Publ.: *1*: 1938, p. [83]-90. *Copy*: L. – Reprinted and to be cited from Bot. Not. 1938: 83-90. *2*: 5 Feb 1939 (in journal), p. [134]-144. *Copy*: L. – Id. 1939: 134-144.

Bliedner, Arno (fl. 1890-1926), German school teacher, inspector and supervisor ("Schulrat") at Eisenach, Thüringen. (*Bliedner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 201; BFM 416.

BIOFILE: Dörfler, I., Botaniker-Adressbuch ed. 3. 26. 1909.

21.542. *Flora von Eisenach* für Schulen und zum Selbstunterrichte ... Eisenach (Verlag von H. Kahle ...) 1892 [i.e. 1891]. Oct. (*Fl. Eisenach*).
Publ.: [*I. Theil*]: Oct-Dec 1892 (p. xii: Oct 1891, t.p. 1892, Nat. Nov. Dec (1) 1891, Bot. Zeit. 29 Dec 1891, Bot. Centralbl. 9 Jan 1892), p. [i]-xii, [1]-293, [295-296]. *Copy*: B. – Has as motto: "So lange ich Pflanzen sammle und studiere, bin ich nicht unglücklich" Rousseau. – *Beiträge zur Flora von Eisenach* in Mitt. bot. Ver. Gesamtthüringen 1891, p. 43. (n.v.).
II. Theil: 1926, p. [i]-iv, [1]-94. *Copy*: B. – Eisenach (Hofbuchdruckerei Eisenach H. Kahle A.-G.) 1926. Oct.

21.543. *Die Wartburgstadt im Pflanzenschmucke*. Botanische Ausflüge in Eisenachs Umgebung ... Hofbuchdruckerei Eisenach (H. Kahle) 1898. Oct. (*Wartburgst. Pfl.-Schmucke*).
Publ.: 1898 (preface dated spring 1898), p. [i-vii], [1]-78. *Copy*: MO.

21.544. *Goethe und die Urpflanze* ... Frankfurt a. M. (Literarische Anstalt Rütten & Loening) 1901. Oct. (*Goethe u. d. Urpflanze*).
Publ.: 1901 (p. iv: Mai 1901), p. [i*], [i]-iv, [1]-75, [76, impr.], *pl. 1-4*. *Copies*: B, MO, U.

Blinks, Lawrence Rogers (1900-x), American (Indiana born) botanist (algologist, physiologist), at Kalamazoo College 1918-1919, at Stanford University 1919-1921, B.S. Harvard 1923, A.M. 1925, Ph.D. 1926, assistant at the physiology division of Rockefeller Institute 1926-1929, associate id. from 1929. (*L.R. Blinks*).

HERBARIUM and TYPES: NY (phanerogams and algae from the Bermudas and New Hampshire).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 201 (b. 22 Apr 1900); IH 2: 79.

BIOFILE: Anon., Amer. men Sci. ed. 5. 104. 1934.

21.545. On *Valonia and Halicystis* in Eastern America ... Reprinted from Science ... 1927. Oct.
Publ.: 29 Apr 1927 (in journal), p. [1]-3. *Copy*: L. – Reprinted and to be cited from Science 65(1687): 429-430. 1927.

21.546. *Two genera of algae new to Bermuda* ... Cambridge, Mass. (from Bulletin of the Torrey botanical Club) 1931. Oct.
Co-author: Anne Catherine Hof Blinks (A.B. George Washington Univ. 1924, Radcliffe College A.M. 1925).
Publ.: Jun 1931 (in journal), cover-t.p., p. [i, t.p.], 389-396, *pl. 22-23* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Bull. Torrey bot. Club 57(6): 389-396, *pl. 22-23*. 1931. – Also issued as Contr. Bermuda Biol. Sta. Research no. 163.

Bloch, Oscar (1856-?), German (Neisse) botanist educated at the Realschule 1. Ordn. in Neisse 1867-1875, studied at the University of Leipzig 1875-1876, and at the University of Berlin 1876-1880, teacher at a private school in Berlin. (*O. Bloch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 201.

21.547. *Untersuchungen über die Verzweigung fleischiger Phanerogamen-Wurzeln.* Botanische Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde. Mit Genehmigung der Philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin zu verteidigen am 11. Juni 1880, Vormittags 11 Uhr ... Berlin 1880. Oct. (*Unters. fleisch. Phan.-Wurz.*).
Publ.: 11 Jun 1880 (date of defense thesis), p. [1]-22, [23, vita; 24 theses], *2 pl. Copy*: GOET(NSUB).

Blochmann, Friedrich (1858-1931), German zoologist, born in Karlsruhe, studied natural sciences at the University of Heidelberg, Dr. phil. ib. , habil. ib. 1886, professor of zoology at the University of Rostock 1891, idem at the University of Tübingen 1898. (*Blochm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 201 (b. 21 Jan 1858, Karlsruhe, Baden); BM 1: 176, 2: 985 (sub Kirchner, E.O.O.), 6: 99; CSP 13: 608-609; De Toni 1: xiii.

BIOFILE: Anon., Entomol. Jahrb. 42: 180. 1933 (n.v.).
Vogel, R., Der Biologe 1: 28. 1931-1932 (brief obit., d. 22 Sep 1931).

COMPOSITE WORKS: (1) Kirchner, E.O.O. and Blochmann, F., *Die microskopische Pflanzen- und Thierwelt des Süsswassers*, 1885-1886 (Blochmann wrote the part on the "Thierwelt").

EPONYMY: *Blochmannia* H.G.L. Reichenbach (see ING 1: 211) commemorates Karl Justus Blochmann (1786-1855) from Dresden.

21.548. *Über eine neue Haematococcusart*, Habilitationsschrift zur Erlangung der venia docendi der Hohen philosophischen Facultät der Universität Heidelberg ... Heidelberg (Carl Winter's Universitätsbuchhandlung) 1886. Oct. (*Haematococcusart*).
Publ.: Jan-Feb 1886 (Bot. Zeit. 26 Mar 1886), cover-t.p., p. [i-ii], [1]-22, *pl. 1-2* (col. liths. auct.) *Copy*: B. – Also published in Ber. Heidelb. med. naturhist. Ver. 1886 (n.v.).
Ref.: Askenasy, E., Bot. Zeit. 44(39): 676-678. 1 Oct 1886 (rev.).

Blochwitz, Adalbert (1875-?), German mycologist, student with W.F.P. Pfeffer at the plant physiology laboratory at Leipzig. (*Blochwitz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 201; Kew 1: 268; LS suppl. 2914-2931 (bibl. 1913-1930).

21.549. *Die Aspergillaceen.* System und Phylogenie. Die Gattung Aspergillus. Neue Spezies. Diagnosen. Synonyme ... Berlin (Verlag von R. Friedlaender & Sohn) 1929. Oct.
Publ.: 25 Jun 1929 (in journal), cover-t.p., p. [185]-240, *pl. 3* (uncol.). *Copy*: B. – Reprinted and to be cited from Ann. mycol. 27(3-4): 185-204, *pl. 3*. 1929. – *Die Aspergillaceen* on p. 185-204, *Die Gattung Aspergillus* on p. 205-240 [see next entry].

21.550. *Die Gattung Aspergillus.* Neue Spezies, Synonyme und Nachträge ... Separat-Abdruck aus "Annales mycologici" 1929-[1935]. Oct.
Publ.: [*1*]: 25 Jun 1929 (in journal), p. 205-240. *Copy*: B. – Reprinted and to be cited from Ann. mycol. 27(3-4): 205-240. 1929.
[*2*]: 25 Jan 1933 (in journal), p. [73]-83. *Copy*: L. – Reprinted and to be cited from Ann. mycol. 31(1-2): 73-83. 1933.
[*3*]: 31 Jan 1934 (in journal), Ann. mycol. 32(1-2): 83-89. 1934. – No reprint seen.
4: 31 Jul 1935 (in journal), p. [238]-250. *Copy*: B. – Reprinted and to be cited from Ann. mycol. 33(3-4): 238-250. 1935.

21.551. *Schimmelpilze als Pflanzenparasiten* ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1929. Oct.
Publ.: 25 Jul 1929 (in journal), p. [351]-356. *Copy*: B. – Reprinted and to be cited from Ber. deut. bot. Ges. 47(6): 351-356. 1929.

21.552. *Standorte und geographische Verbreitung der Schimmelpilze* ... Berlin (Verlag von R. Friedlaender & Sohn) 1930. Oct.
Publ.: 18 Sep 1930 (in journal), cover-t.p., p. [241]-268. *Copies*: B, L. – Reprinted and to be cited from Ann. mycol. 28(3-4): 241-268. 1930.

21.553. *Zur Systematik der Mucorineen* ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1930. Oct.
Publ.: 27 Nov 1930 (in journal), p. [329]-334. *Copy*: L. – Reprinted and to be cited from Ber. deut. bot. ges. 48(8): 329-334. 1930.

21.554. *Die Urformen der Aspergillen* ... Sonderabdruck aus Hedwigia ... 1932. Oct.
Publ.: Oct 1932 (in journal), p. [173]-174. *Copy*: L. – Reprinted and to be cited from Hedwigia 72(4/5): 173-174. 1932.

21.555. Die *Stilbothamnien* Hennings und die *Penicilliopsis-Arten* Patouillards ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1932. Oct.
Publ.: 25 Feb 1932 (date on p. [13] of reprint; mss. submitted 23 Dec 1931), p. [13]-16. *Copy*: L. – Reprinted and to be cited from Ber. deut. bot. Ges. 50(1): 13-16. 1932.

21.556. *Variabilität und Vererbung bei Schimmelpilzen* ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1932. Oct.
Publ.: 23 Jun 1932 (date on p. [248] of reprint), p. [248]-256. *Copy*: L. – Reprinted and to be cited from Ber. deut. bot. Ges. 50(5): 248-256. 1932.

21.557. Die angebliche *Diökie* (Heterothallie) *von Citromyces luteus* und Bastardierungsversuche mit Penicillien ... Sonderabdruck aus Beihefte zum Botanischen Centralblatt ... Dresden-N.

(Verlag von C. Heinrich) 1934. Oct.
Publ.: 1934, p. [299]-302. *Copy*: L. – Reprinted and to be cited from Beih. Bot. Centralbl. 51(Abt. II)(2): 299-302. 1934.

21.558. Die *Emergenzen der Schimmelpilz-Konidien*. Zweckmässigkeit oder Zufall? ... Sonderabdruck aus Beihefte zum Bot. Centralbl. ... 1934. Oct.
Publ.: 1934, p. [303]-304. *Copy*: L. – Reprinted and to be cited from Beih. Bot. Centralbl. 51(Abt. II)(2): 303-304. 1934.

Blocki, Bronislaw (1854-1919), Polish (Galician) botanist, adjunct lecturer at the Agronomy and Forestry College at Lemberg 1881, later professor at the same college, prolific writer on the flora of Galicia. (*Blocki*).

HERBARIUM and TYPES: KRAM, further material at A, B, BM, BP, CERN, G, GOET, L, LE, LW, P, PR.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 722 (b. 6 Dec 1854, Tuliglawy, Galicia), 12(1): 247; Barnhart 1: 202; CSP 13: 609-610; DTS 1: 22; Futak-Domin p. 109; Hegi 7: index (d. "1917 in Lemberg"); Hortus 3: 1188; IH 2: 79; Morren ed. 10, p. 35; Rehder 5(index): 90; Urban-Berl. p. 330.

BIBLIOGRAPHY: D. Szymkiewicz, Bibl. Fl. Polsk. 65-69. 1925 (detailed list of publications (nos. 765-845).

BIOFILE: Anon., Bot. Not. 1920: 126 (d.).
Lack, H.W. and O. v. Sydow, Willdenowia 14: 447. 1984 (mentions many letters from botanists to him in addition to some letters written by himself to Karl Keck at UPS-UB).
Lack, H.W. and D. Wagner, Willdenowia 14: 430, 433. 1984 (numerous herb. specimens in B via herbarium Ullepitsch).
Wagenitz, G., Index coll. princ. herb. Gotting. 26. 1982.

21.559. *Galium polonicum* n. sp. ... Oesterreichische Botanische Zeitschrift ... Wien 1887. Oct.
Publ.: Jun 1887 (in journal), p. 189-190. *Copy*: G. – Reprinted [? tearsheet] from ÖBZ 37: 189-190. 1887.

21.560. Ein *Beitrag* zur *Flora* von *Ost-Galizien* ... Deutsche botanische Monatschrift 1892. Oct.
Publ.: Jul-Aug 1892 (in journal), p. 104-111. *Copy*: G. – Reprinted [tearsheet?] from Deut. bot. Monatschr. 10(7/8): 104-111. 1892.

21.561. *Floristisches aus Galizien* ... [Allgemeine botanische Zeitschrift ...]. 1896. Oct.
Publ.: 1896, p. 3-6. *Copy*: G. – Tearsheet from Allg. bot. Z. 2(1): 3-6. 1896.

Blodgett, Frederick Harvey (1872-1926), American (Illinois born) botanist, B.S. Rutgers College 1897, M.S. idem 1899, student and aid New York Botanical Garden 1900-1901, assistant curator for botany at the Field Columbian Museum, Chicago 1901, assistant State pathologist, Maryland Agricultural College 1901-1906, graduate student and botanical assistant at Johns Hopkins University 1906-1910, Ph.D. 1910, ultimately at the biological department of Washington Square College, New York University. (*Blodgett*).

HERBARIUM and TYPES: NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 202 (b. 12 Sep 1872, Rockford, Ill., d. 4 Mar 1926, N.Y. City); BL 1: 186; IH 2: 79; Kew 1: 268; LS 3082-3083, 25.864, 31.234-31.236; LS suppl. 2933-2939; TL-2/see indexes; Tucker 1: 88.

BIOFILE: Anon., Amer. men sci. ed. 2. 46. 1910; Science 63(1629): 302. 1926 (d. 4 Mar 1926). Barnhart, J.H., J. New York Bot. gard. 9: 59. 1908, 12: 120. 1911 (curr. vit.).

COMPOSITE WORKS: (1) Co-author of F. Shreve et al., *The plant life of Maryland*, Baltimore 1910, see TL-2/11.915.

21.562. *A nature study of Maryland plants* ... [A Bulletin of Maryland Agricultural College ... 1905]. Oct. (*Maryland plants*).
Publ.: Apr-Jun 1905 (date of Bulletin), p. [i, iii], [1]-22 (nos. of photographs on recto with blank verso). *Copies*: L, MO.

21.563. *Vegetative reproduction* and multiplication *in Erythronium* ... New York (Reprinted from the Bulletin of the Torrey Botanical Club ...) 1900. Oct.
Publ.: 25 Jun 1900 (date on cover-t.p.), cover-t.p., p. 305-315, *pl. 16-18* (uncol. liths.). *Copies*: NY, U. – Reprinted and to be cited from Bull. Torrey bot. Club 27(6): 305-315, *pl. 16-18*. 1900. – Also issued as Contr. New York Bot. Gard. no. 7.

21.564. The *origin* and development *of bulbs in* the genus *Erythronium* ... A dissertation submitted to the Board of University Studies of the Johns Hopkins University in conformity with the requirements for the degree of doctor of philosophy ... [Botanical Gazette] 1910. Oct.
Publ.: 16 Nov 1910, t.p. (recto of p. 340), p. 340-373, *pl. 8-10* (uncol. liths.). *Copy*: BKL. – Reprinted and to be cited from Bot. Gaz. 50: 340-373, *pl. 8-10*. 1910.

Blodig, Carl. H. (1817-?), Moravian-born professor of medicine and pharmacy at the University of Graz, Dr. med. Wien 1843. (*Blodig*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 202; Futak-Domin p. 109; Klásterský p. 60 (b. 8 Jan 1817, Moravian Trebová).

BIOFILE: Oborny, A., Fl. Mähren & Österreich, Schlesien I. 19. 1881-1885; Verh. naturf. Ver. Brünn 21(2): 19. 1882 (brief note on his *Gentian. Mährens*).

21.565. *Die Gentianeen Mährens*. Inaugural-Dissertation ... Wien (gedruckt bei Carl Ueberreuter) 1843. Oct. (*Gentian. Mährens*).
Publ.: 1843 (p. 6: Brachmonat [Jun] 1843), p. [1]-40. *Copy*: WU.

Bloembergen, Siebe (1905-1992), Dutch botanist, studied botany at the University of Groningen, Dr. phil. 1935, assistant ib. 1935-1938, assistant on Bodja Estate nr. Semarang, Java 1938-1939, scientist at the Forest Research Institute Buitenzorg (Bogor), botanist at the Buitenzorg herbarium 1940-1955, (interned in Siam in WW II), professor of plant taxonomy and plant geography at the Faculty of Agriculture, University of Indonesia, Bogor 1950-1955, returned to the Netherlands 1955, teacher in natural history at a secondary school in Leiden 1956. (*Bloemb.*).

HERBARIUM and TYPES: BO, further material at A, BZF, L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 646; Barnhart 1: 202; IH 2: 79; JW 2: 185; Kew 1: 268; Roon p. 18; SK 1: 62-63 (detailed inf.), 4: 103, 105, 107, cxlvii, cxlix, cliii, 5: cclx.

BIOFILE: Bloembergen-Veenstra, H., Nieuwe Rotterdamse Courant 23 March 1992 (died 20 Mar 1992, at Deventer, Netherlands).
Reed, C.F., Bibl. fl. S.E. Asia 15. 1969.
Rollins, R.C., Taxon 5(1): 2. 1956 (portr. in group).
Steenis, C.G.G.J. van, ed., Fl. males. Bull. 2: 43. 1947, 5: 126. 1949, 7: 191. 1950.

COMPOSITE WORKS: (1) *Myoporaceae*, *in* C.G.G.J. van Steenis, ed., Fl. males. ser. 1. 4(3): 265-266. Dec 1951.

21.566. *The genus Alangium* in the Netherlands Indies. Proefschrift ter verkrijging van den graad van Doctor in de Wis- en Natuurkunde aan de Rijks-Universiteit te Groningen, ... tegen de bedenkingen van de Faculteit der Wis- en Natuurkunde te verdedigen op Donderdag 16 Mei 1935, des namiddags te 4 uur ... Leiden (N.V. Boek- en Steendrukkerij Eduard IJdo) [1935]. Oct. (*Genus Alangium*).
Thesis issue: 16 Mai 1935 (date of defense thesis), cover-t.p., p. [i, iii], [241]-294, [1]-3 theses. *Copy*: U. – Preprinted from Blumea 1(2): 241-294. 1935, with special t.p.
Regular reprint: 1935, cover-t.p., p. [241]-294. *Copy*: L. – Reprinted from Blumea 1(2): 241-294.

21.567. The genus *Myoporum in the Netherlands' Indies* ... [Reprinted from Blumea ... 1938]. Oct.
Publ.: 2 Mai 1938 (in journal), p. [179]-182. *Copies*: B(2), L, U. – Reprinted and to be cited from Blumea 3(1): 179-182. 1938.

21.568. *A revision of the genus Alangium* ... Buitenzorg [Bogor] (Archipel Drukkerij) 1939. Oct.
Publ.: Apr 1939 (in journal), cover-t.p., p. 139-235. *Copy*: L. – Reprinted and to be cited from Bull. Jard. Bot. Buitenzorg ser. 3. 16(2): 139-235. 1939.

Blom, Carl [Hilding] (1885-1972), Swedish botanist and printer, assistant in a bookshop 1912, later connected with Göteborg's Botaniska Trädgard, ultimately curator of the herbarium id. (*C.H. Blom*).

HERBARIUM and TYPES: GB (14.500), further material at B, S, UPS. – Material "in all the Scandinavian herbaria and in a great number of herbaria in all the world" (comm. B. to A. de Roon in TL-2/files).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 202; BL 2: 518, 522, 539; IH 1 (ed. 2: 54), 2: 79; KR p. 89 (b. 4 Mai 1885, Nyköping); Roon p. 18 (info. also in mss. text by Blom for Roon in TL-2/archives).

BIOFILE: Lundqvist, Å., Sv. bot. Tidskr. 75: 305. 1981.
Weimarck, G., Bot. Not. 125(4): 541. 1972 (obit., portr.).

NOTE: Botaniska Notiser was printed at the printing-house of Carl Blom from 1922 until 1972 (Bot. Not. 125(4): 541. 1972).

21.569. *Växtgeografiska anteckningar till Nyköpingstraktens fanerogamflora* ... Botaniska Notiser, [Lund (Distributör C.W.K. Gleerup ...)] 1916. Oct.
Publ.: 15 Feb 1916 (in journal), cover (identif.), p. [1]-23. *Copy*: L. – Reprinted and to be cited from Bot. Not. 1916: 1-23.

21.570. *Lepidium bonariense* L., Lepidium neglectum Thell. samt Rumex salicifolius L. funna i Sverige ... [Botaniska Notiser ... 1919]. Oct.
Publ.: 19 Sep 1919, p. 181. *Copies*: B, L. – Reprinted and to be cited from Bot. Not. 1919: 181.

21.571. *Om några Amaranthus-fynd i Sverige* ... Botaniska Notiser 1919. Oct.
Publ.: 1 Nov 1919, p. [213]-214. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1919: 213-214.

21.572. *Några anmärkningsvärda adventiv och ruderatväxtfynd vid Malmö* åren 1912-20 ... Botaniska Notiser 1921. Oct.
Publ.: 15 Feb 1921 (in journal), p. 43-45. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1921: 43-45.

21.573. *Bidrag* till kännedomen om *Sveriges adventivflora* ... Meddelanden från Göteborgs Botaniska Trädgård ... 1927-[1961]. Oct.

Publ.: [*1*]: 21 Dec 1927 (date of printing), p. 143-150. *Copy*: B. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 3: 143-150. 1927.
[*2*]: 29 Aug 1933 (date of printing), cover, p. [169]-188, *Copy*: B. – Id. 8: 169-188. 1933.
[*3*]: 28 Oct 1936 (date of printing), cover, p. [159]-182. *Copies*: B, L. – Id. 11: 159-182. 1936.
[*4*]: 26 Jun 1940 (date of printing), cover-t.p., p. [385]-403. *Copies*: B, L. – Id. 385-403. 1940.
[*5*]: Dec 1961 (in journal), Acta Horti Gotob. 24: 61-133. 1961 [p. 133 dated: 15 Mai 1961].
Note: See also BL 2: 522.

21.574. Plantae sinenses a dre. H. Smith annis 1921-22 lectae. XIX. *Chenopodiaceae* and *Amaranthaceae* ... Meddelanden från Göteborgs Botaniska Trädgård ... 1927. Oct.
Collector: Karl August Harald ["Harry"] Smith 1889-1971, see TL-2/5: 675.
Publ.: 21 Dec 1927 (date of printing), cover, p. [151]-155. *Copy*: B. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 3: 151-155. 1927.

21.575. *Lepidium ramosissimum* A. Nels. i Sverige ... Meddelanden från Göteborgs Botaniska Trädgård ... [1927]. Oct.
Publ.: 22 Dec 1927 (date of printing), p. [166]-167. *Copies*: B, L. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 3: 166-167. 1927.

21.576. *Juncus compressus* Jacq. *x Gerardi* Lois. samt Juncus conglomeratus L. x effusus L. funna i Bohuslän ... Meddelanden från Göteborgs Botaniska Trädgård ... [1927]. Oct.
Publ.: 22 Dec 1927 (date of printing), p. 169-170. *Copy*: B. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 3: 168-170. 1927.

21.577. *Ullfloran vid Lackalänga i Skåne* ... [Meddelanden från Göteborgs Botaniska Trädgård ... 1930]. Oct.
Publ.: 17 Feb 1930 (date of printing), p. [85]-96. *Copies*: B, L. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 5: 85-96. 1930. – See also BL 2: 539.

21.578. *Chenopodiaceae und Amaranthaceae aus China*, gesammelt von D:r H. Smith auf seiner zweiten Reise 1924. 1931. Oct.
Collector: Karl August Harald ["Harry"] Smith 1889-1971, see TL-2/5: 675.
Publ.: 8 Mai 1931 (date of printing), cover, p. [85]-88. *Copy*: B. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 6: 85-88. 1931.

21.579. *Bidrag till Skånes adventiv- och ruderatflora* ... Särtryck ur Botaniska Notiser ... Lund 1933. Oct.
Publ.: 1933, cover-t.p., p. [355]-366. *Copies*: B, L. – Reprinted and to be cited from Bot. Not. 1933: 355-366.

21.580. *Über einige Vulpia-Arten* ... [Meddelanden från Göteborgs Botaniska Trädgård ... 1934]. Oct.
Publ.: 17 Aug 1934 (date of printing), p. [153]-164. *Copies*: B, L. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 9: 153-164. 1934.

21.581. *Rumex obovatus* Dans. *var. cordatus* nov. var. ... Särtryck ur Meddelanden från Göteborgs Botaniska Trädgård ... [1934]. Oct.
Publ.: 17 Aug 1934 (date of printing), p. [165]-166. *Copy*: B. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 9: 165-166. 1934.

21.582. Om *Viola montana* L. och dess hybrider i Göteborgstrakten och Bohuslän ... Meddelanden från Göteborgs Botaniska Trädgård ... [1936]. Oct.
Publ.: 30 Jan 1936 (date of printing), p. [87]-95. *Copy*: B. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 10: 87-95. 1936.

21.583. *Adventiva Solanum-arter* i Sveriges flora ... Särtryck ur Meddelanden från Göteborgs Botaniska Trädgård ... [1936]. Oct.
Publ.: 7 Feb 1936 (date of printing), cover, p. [195]-308. *Copies*: B, L. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 10: 195-208. 1936.

21.584. *Salicornia strictissima* K. Gram på Sveriges Västkust ... Särtryck ur Meddelanden från Göteborgs Botaniska Trädgård ... [1936]. Oct.
Publ.: 8 Feb 1936 (date of printing), p. [209]-210. *Copy*: B. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 10: 209-210. 1936.

21.585. *Nyare nomenklatur* beträffande några i Sverige förekommande *adventiva* eller förvildade *växter* ... Särtryck ur Meddelanden från Göteborgs Botaniska Trädgård ... [1937]. Oct.
Publ.: 6 Sep 1937 (date of printing), p. [1]-20. *Copies*: B(2), L. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 12: 1-20. 1937.

Blomberg, Carl Albert (1844-1922), Swedish geologist and botanist, studied at the University of Uppsala 1863-1873, Dr. phil. ib. 1872, geologist with the Swedish geological exploration 1877-1910, died at Stockholm. (*C.A. Blomb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 202; BM 1: 177; Jackson p. 100; Kew 1: 269; KR p. 89 (b. 16 Jul 1844).

21.586. Om *hybridbildning* hos de fanerogama växterna. Akademisk Afhandling som med vidtberömda filosofiska gradens erhållande till offentlig granskning framställes ... Stockholm (P.A. Nymans tryckeri) 1872. Oct. (*Hybridbild.*).
Publ.: 23 Mai 1872 (date of defense thesis), p. [i], [1]-41. *Copies*: B-S, GOET(NSUB), MO.

Blomberg, Olof Gotthard (1838-1901), Swedish clergyman and lichenologist, studied theology at Uppsala 1858, priest 1861, vicar at Dunker and Lilla Malma from 1884, brother of C.A. Blomberg. (*Blomb.*).

HERBARIUM and TYPES: LD (original lichen herbarium), further material at C, DUKE, GB, KIEL, L, M, PH, UPS, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 202; GR p. 472, pl. [27]; GR cat. p. 60; IH 2: 79; KR p. 89 (b. 16 Nov 1838, d. 8 Apr 1901); LS 3085-3089, 31.238; Morren ed. 10, p. 106.

BIOFILE: Anon., Bot. Not. 1865: 161, 1868: 176, 1871: 117, 1895: 89 (publ.), 1901: 160 (d.), 1902: 180 (herb.).
Högrell, B., Bot. Hist. 1: 279. 1886.
Laundon, J.R., Lichenologist 11: 7. 1979 (lich. at LD, UPS).
Wittrock, V.B., Acta Horti Berg. 3(2): 34. 1903, 3(3): 7. 1905 (on portr., and see *pl. 103*).

COMPOSITE WORKS: (1) Treated lichens, with K.B.J. Forsell, in Points-förteckning: *Enumerantur plantae Scandinaviae* 4: 57-116. Lund 1880. – See KR p. 574.

21.587. *Bidrag* till kännedomen om *Kinnekulles Lafvegetation* ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... 1867. Oct.
Publ.: 1867 (read 10 Apr 1867), p. [115]-125. *Copies*: B, L. – Reprinted and to be cited from Öfvers. K. Vet.-Akad. Förh. 1867(4): 115-125.

21.588. *Bidrag* till kännedomen om de *Skandinaviska lafvarnas utbredning* ... Aftryck ur Botaniska Notiser ... 1878. Oct.

Publ.: 15 Sep 1878 (in journal), p. [117]-122. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1878(4): 117-122.
Follow up: Bidrag till kännedomen om lafvarnes utbredning m. m. i. Skandinavien, Bot. Not. 1895: 89-106.

Blomquist, Hugo Leander (1885-1964), Swedish born American botanist (bryologist), emigrated with his parents to Kulm, North Dakota 1892, studied at the University of Chicago, B.S. 1916, graduate work at Chicago 1916-1917, with the U.S. army 1917-1919, studied at the Institut Pasteur, Paris 1919, continued his graduate study at Chicago, Ph.D. ib. 1921, assistant professor of biology at Trinity College (later Duke University) at Durham, N.C. 1921, full professor 1923, chairman of botany 1935-1953, emeritus professor of botany ib. 1957. (*H.L. Blomq.*).

HERBARIUM and TYPES: DUKE (ca. 10.000); further material at BUT, HH, MO, NCU, NY, PENN, U, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 203; BL 1: 204, 287; IH 2: 79; Kew 1: 269; SBC p. 116.

BIOFILE: Anderson, L.E., Bryologist 68: 251-254. 1965 (portr., bibl. bryol., obit.); J. Elisha Mitchell Sci. Soc. 81: 65-66. 1956 (obit.).
Schuster, R.M., Hep. Anthoc. N. Amer. 1: 20. 1966.
Stieber, M.T. and A.L. Karg, Huntia 5(3): 196. 1984 (mss.).

OUTSIDE OUR PERIOD: (1) *The grasses of North Carolina*, Duke University Press, Durham, N.C. 1948, p. [i]-vi, [vii], [1]-276. *Copies*: NY, U.
(2) *Flowers of the South* native and exotic ... Chapel Hill, The University of North Carolina Press [1953], p. [i]-xiv, [1]-208, map. *Copy*: MO.

21.589. *Ferns of North Carolina* ... Durham, North Carolina (Duke University Press) 1934. Oct. (*Ferns N. Carol.*).
Publ.: 1934, p. [i]-xii, [1]-131. *Copies*: B-S, MO, NY.
Ref.: Hastings, G.T., Torreya 35(2): 42-43. Apr 1935 (rev.).
Wherry, E.T., Fern Journal 25(2): 59-65. 22 Jun 1935 (rev.).
A.H.G.A., J. Bot. 73: 115. Apr 1935 (rev.).

21.590. A guide to the *spring* and early summer *flora* of the *Piedmont*, North Carolina ... Department of Botany, Duke University ... 1940. Oct. (*Spring fl. Piedmont*).
Co-author: H.J. Oosting.
Publ.: 1940, p. [i]-xvi, 1-144. *Copy*: G.

Blomqvist, Anton Gabriel (1836-1904), Finnish forester and botanist, studied at the University of Helsinki 1852, Dr. phil. h.c. ib. 1897, with the Finnish forestry institute at Evois 1861-1903. (*A.G. Blomq.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 203 (b. 21 Jan 1836, d. 12 Mai 1904); Collander p. 38; Collander Hist. p. 118, 119, 123; KR p. 90 (b. 29 Jan 1836 Helsinki, d. 12 Mai 1904 Leppäkoski); LS 31.239-31.242; Morren ed. 10, p. 97; Rehder 5(index): 90; Saelan p. 29-30; TR 127; Tucker 1: 88.

BIOFILE: Anon., Bot. Not. 1905: 190.
Elfving, F., Biogr. uppgift., Soc pro Fauna et Flora fennica 1821-1921; Acta Fauna Fl. Fenn. 50: 218. 1921.

21.591. *Eine neue Methode den Holzwuchs und die Standortsvegetation bildlich darzustellen ...* [Bidr. känn. Finl. nat. o folk ... 1879]. Oct.
Publ.: 1879, p. 145-153, *6 pl. Copy*: B. – Reprint without identification, reprinted and to be cited from Bidr. känn. Finl. nat. o folk 31: 145-153, *6 pl.* 1879.

Blomqvist, Sven Gustaf Krister G:Son (1882-1953), Swedish botanist, studied at secondary grammar schools at Skara and Uppsala, and at the University of Uppsala, fil. kand. 1905, fil. lic. 1910, Dr. phil. Uppsala 1911, assistant at Bergielund 1907-1909, teacher of biology and geography at Örebro, lector in biology at the secondary school at Sundsvall 1919. (*Blomq.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 203; BJI 2: 15; BL 2: 542; Kew 1: 269; KR p. 90.

21.592. I Bergielunds Botaniska Trädgård iakttagna *Verbascum-hybrider* särskildt V. longifolium Ten. x speciosum Schrad, ... Stockholm (Isaac Marcus Boktryckeri-Aktiebolag) 1909. Qu. (*Verbascum-hybr.*).
Publ.: 9 Apr 1909 (read 13 Jan 1909, printed 9 Apr 1909), p. [1]-10. *Copy*: U. – Issued as Acta Horti Berg. 5(2), 1909.

21.593. Till *högbuskformationens ekologi.* Akademisk afhandling som med tillstånd af vidtberömda filosofiska fakultetens i Uppsala matematisk-naturvetenskapliga sektion för filosofie doktorsgrads vinnande till offentlig granskning framställes ... å botaniska lärosalen, fredagen den 26 maj kl. 10 f.m. Stockholm (Centraltryckeriet) 1911. Oct. (*Högbuskform. ekol.*).
Publ.: *Thesis issue*: 26 Mai 1911 (date of defense thesis), p. [i], [1]-81. *Copy*: U. – Preprint from Sv. bot. Tidskr. 5: 1-81. 25 Jul 1911.

Bloomfield, Rev. Edwin Newson (1827-1914), British rector, botanist and entomologist born at Great Glenham, Suffolk, studied at the University of Cambridge, B.A. Cantab. 1850, rector at Guestling from 1862, worked on the botany of Suffolk, died at Guestling, Sussex. (*Bloomfield*).

HERBARIUM and TYPES: K, further material at OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 203; BB p. 36; BL 2: 270, 631; BM 1: 177; CSP 7: 200, 9: 270, 13: 615; Desmond p. 71 (b. 25 Sep 1827, Great Glenham, Suffolk, d. 29 Apr 1914, Guestling, Sussex); IH 2: 80; Kew 1: 270; LS 3105, 31.244-31.245.

BIOFILE: Anon., Proc. Hastings Nat. Hist. Soc. 2: 91-93. 1903 (portr.); Entomol. Rec. J. Var. 26: 145. 1914; J. Bot. 52: 160. Jun 1914 (d.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 385. 1980 (no. 69.3, 366.1).
E.A.B., Entomol. mon. Mag. 50: 157. 1914 (obit.).
Hawksworth, D.L. and M.R.D. Seaward, Lichenology Brit. Isl. 1568-1975: 26, 57-58. 1977 (list titles).
Kent, D.H., Brit. herbaria 43. 1957 (coll.).
Watson, H.C., Topogr. Bot. ed. 2. 538. 1883.
Wolley-Dod, A.H., Fl. Sussex xliii. 1937.

21.594. *Suffolk fungi* ... Reprinted from the Transactions of the Norfolk and Norwich Naturalist's Society ... [1906]. Oct.
Publ.: 1906 (read 27 Feb 1906), cover-t.p., p. [246]-264. *Copy*: L. – Reprinted and to be cited from Trans. Norf. Norw. Natur. Soc. 8: 246-264. 1906.

Blottner, Karl Ludwig (1773-1802), German (Silesian) physician, born in Fraustadt in Schlesien, studied medicine at the University of Halle, Dr. med. ib. 1797, practising in Reinerz in Lower Silesia. (*Blottner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 178; Kew 1: 270; PR 836.

21.595. Dissertatio inauguralis botanica, *de fungorum origine*, quam consensu facultatis medicae, praeside Viro illustri, excellentissimo, Jo. Christiano Reil, ... ut gradum doctoris medicinae legitime obtineat, die xii April mdccxcvii. Publice defendet auctor Carolus Ludovicus Blottner, Silesius, ... Halae [Halle] (in Officina Batheana) [1797]. Oct. (*De fung. orig.*). *Publ.*: 12 Apr 1797 (date of defense thesis), p. [1]-46, [47, theses]. *Copy*: B-S.

Bloxam, Andrew (1801-1878), British clergyman and naturalist, educated at Rugby school, studied at Worcester College, Oxford 1820, B.A. 1824, M.A. 1827, naturalist on the Blonde Frigate, took holy orders, perpetual curate of Twycross, Leicestershire 1839-1871 and rector of Harborough Magna, Warwickshire 1871-1878. (*A. Bloxam*).

HERBARIUM and TYPES: BM (coll. "Blonde" voyage, lichens and Rubi), K (fungi), further material at CGE, LSR (lich.), M (lich.), MANCH, OXF, PC. – Herbarium formerly at Calke Abbey, Derbyshire (J. Bot. 25: 40-41, 145. 1887).

MANUSCRIPTS and LETTERS: BM (lich.) and K (fungi). – Diary of voyage to the Sandwich Islands publ. in B.P. Bishop Museum, Special Publ. 10, 1925. – Correspondence on lichens at BM, id. mss. Leicestershire cellular cryptogamia (see Hawksworth and Seaward 1970, nos. 250-251). – See G.D.R. Bridson et al. 1980, p. 385. – See also BM 1: 178.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 605 (Rubus Bloxamii); Barnhart 1: 204 (b. 22 Sep 1801, d. 2 Feb 1878); BB p. 36; BL 2: 254; BM 1: 178; Clokie p. 133; Desmond p. 71-72 (further info. and refs.); DNB 5: 264; IH 2: 80; Jackson p. 504; Kew 1: 270; Rehder 2: 302, 306, 309; Stevenson p. 1236.

BIOFILE: Anon., Bull. Soc. bot. France 25(Bibl.): 43. 1878 (d. 2 Feb 1878, Harborough, Warwickshire); Bot. Not. 1879: 31 (d.); Bot. Centralbl. 50: 191. 1892 (d.); Gard. Chron. 1924 (1 Mar): 120-121; The manuscript papers of British Scientists 1600-1940. 10. 1982.
Bagnall, J.E., Fl. Warwickshire 501-502. 1891.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 209.5, 229.22, 229.278, 302.1, 346.11, 383.1. 1980.
Edees, E.S., Fl. Staffordshire 19. 1972 (visit Warslow Hall 1853).
Foggitt, G., Ann. Brit. Exch. Club, Rep. Soc. Exch. Club Brit. Isles 283. 1932.
Freeman, R.B., Brit. nat. hist. books 1495-1900. 53. 1980 (no. 363).
Hawksworth, D.C. and M.R.D. Seaward, Lichenology Brit. Isl. 1568-1975: 20-21, 58, 1977.
Horwood, A.R. and C.W.F. Noel, The flora of Leicestershire and Rutland ccviii. 1933.
Jackson, B.D., Kew Bull. 1901: 212.
Kent, D.H., Brit. herb. 44. 1957.
Kent, D.H. and D.E. Allen, Brit. Irish herb. 90 (Rosa, Rubus).
Laundon, J.R., Lichenologist 11(1): 7. 1979.
Lovie, J.M., Rep. Rugby School Nat. Hist. Soc. 1979-1980, 1980-1981: 17-20. 1982 (coll. Rubi found at Rugby School).
McCaughey, V., Hawaiian For. Agr. 15: 508. 1918 (on B's visit and collecting at Hawaii).
Murray, G., *in* Hist. Coll. nat. hist. depts. Brit. Mus. 1: 135. 1904 (coll.).
Wittrock, V.B., Acta Horti Berg. 3(3): 76, *pl. 145*. 1905 (portr.).
Woodward, B.B., *in* Hist. Coll. nat. hist. depts. Brit. Museum 1: 31. 1904 (coll.).

COMPOSITE WORKS: (1) *Of the natural history of the Sandwich Islands*, selected from the papers of A. Bloxam, *in* G.A. Byron, *Voyage of H.M.S. Blonde to the Sandwich Islands*, London 1826, *Appendix no. 3*.

(2) *The Botany* by the Rev. A. Bloxam and C. Babington, *in* Thomas Rossell Potter, *The history and antiquities of Charnwood Forest*, London 1842, p. 35-62. See also A.B. Jackson, J. Bot. 44: 261-266. 1906 (annotated list vasc. and cell. pl.).
(3) *Mosses* found in the neighbourhood *of Ventnor*, Bonchurch, and Appuldurcombe, *in* Edmund Venables, *The Isle of Wight*. A guide..., London 1860. – *Mosses* by Bloxam with additions by Venables, *Lichens* by Bloxam with additions by T. Salwey on p. 503-505, *Fungi* id.
(4) See also R.B. Freeman, Brit. nat. hist. books 1495-1900. 1980, p. 53, no. 363: *A description of Bradgate Park* 1829(?), n.v.
(5) See also H.C. Watson, *Topographical botany* ed. 2. 538. 1883 (contr. to London Catalogue, ed. 2).

Blücher, H. (fl. 1899-1909), German author of popular text and plates of plants and especially fungi. (*Blücher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 204; LS 3016a.

21.596. *Praktische Pilzkunde* ... Leipzig (Alb. Otto Paul) 1899. Oct. (*Prakt. Pilzk.*).
Publ.: *Ed. 1*: 1899 (ÖBZ Jul 1899, Bot. Zeit. 1 Sep 1899, Allg. Bot. Z. 15 Sep 1899), p. [1]-32 with *32 pl.* (col.). *Copy*: NY. – Plates taken from water-colors by Th. Bach.
[*Ed. 2*]: 1905 (Bot. Zeit. 1 Nov 1905, Bot. Centralbl. 27 Dec 1905).
1: [63 p., 32 col. figs.], n.v.
2: [71 p., 32 col. figs.], n.v.

21.597. *Essbare und giftige Pilze Mitteleuropas* ... Berlin-Ch. und Leipzig (Joseph Singer, Verlag) [1909]. Oct. (*Essb. gift. Pilze M.-Eur.*).
Senior author: A. Osswald (fl. 1909).
Publ.: 1909 (Bot. Centralbl. 6 Jul 1909, Hedwigia 6 Oct 1909), p. [i*-ii*], [i]-vi, [1]-158, [159]. *Copies*: B, NY. – Issued as Singers volkstümliche Bücherei, Band I. – 64 plates in text repr. of water-color drawings by Th. Bach.

***Bluff, Mathias Joseph** (1805-1837), German (Köln-born) physician and botanist, studied medicine at Köln, Dr. med. ib. 1829, practicing physician at Aachen. (*Bluff*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 204 (b. 5 Feb 1805, Köln; d. 5 Jun 1837, Aachen); BM 1: 178, 573; CSP 1: 435-436; DTS 1: 22-23; Frank 3(Anh.): 11; Futak-Domin p. 109-110; Hortus 3: 1188; Jackson p. 293; Kew 1: 270; LS 3107; NAF 1(1): 154; PR 837, 2903, 2904, 10.346, ed. 1: 948-950; Rehder 1: 377; TL-2/1: 233-234 and see indexes; Tucker 1: 88; Zander ed. 10, p. 636, ed. 11, p. 723.

BIOFILE: Anon., Brit. foreign med. Rev. 7: 298-299. Jan 1839.
Fingerhuth, C.A., Jahresber. bot. Ver. Mittel-Niederrheins 2: 142-144. 1839.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 433. 1877.
Ilg, W., Hoppea 42: 319. 1984 (Regensb. bot. Ges., member 1827).
Nees, C.G., Flora 20(2) (26): 416. 14 Jul 1837 (obit. not.).

21.598. *Entwicklungs-Combinationen organischer Wesen* ... Köln am Rhein (Druck und Verlag von Johann Peter Bachem) 1827. Oct. (*Entw.-Comb. Org. Wesen*).
Publ.: 1827, p. [1]-51. *Copy*: B-S.
Ref.: Anon., Flora 12(1), Erg. Bl. 78-80. Apr-Jun 1829 (rev.).

Blum, Isaak ["J."] (1833-1903), German highschool teacher and botanist, teacher at the Real- und Volksschule der israelitischen Gemeinde zu Frankfurt am Main, also connected with the

Forschungsinstitut Senckenberg as volontary curator ("Sektionär") of the botanical collections. (*I. Blum*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 63; Rehder 2: 51, 136, 3: 28; Tucker 1: 88.

BIOFILE: Conert, H.J., Senckenbergiana Biologica 48C: 40. 1967.
Sydow, P. and C. Mylius, Botaniker-Kalender 1886(2): 9. ("Oberlehrer Frankfurt a. M."), 1887: 104 (id.).

21.599. Einladungsschrift zu der am 15., 16., 17. und 18. März stattfindenden öffentlichen Prüfung der Real- u. Volksschule der israelitischen Gemeinde zu Frankfurt am Main. 1. *Der Rechneigraben* in den städtischen Anlagen zu Frankfurt a. M. in botanischer Beziehung ... Frankfurt a. Main (Druck von Jacob Wohlfarth Nachfolger) 1880. Qu. (*Rechneigraben*). *Publ.*: Mar 1880 (date public examination), p. [1]-69. *Copy*: MO.

***Blume, Carl [Karl] Ludwig** (1796-1862), German born Dutch botanist, lived in Braunschweig and Bremen until 1814, came to the Netherlands 1814, employed by the Medical Board of the Dutch army 1814, military apothecary at Den Helder and Leiden 1814-1817, studied natural history and medicine at Leiden University, Dr. med. 1817 ib., health-officer to the forces in the Netherlands East Indies 1818, with the medical service and organization of agriculture and sciences at Buitenzorg (Bogor) 1819-1826 with an emphasis on botanical research and exploration, director of the Botanical Gardens at Buitenzorg 1822-1826, returned to the Netherlands 1826, director of the Rijksherbarium at Brussels 1829-1830, and with the transfer of this institution to Leiden in 1830 director until 1862. (*Blume*).

HERBARIUM and TYPES: See TL-2/1: 234, original material at L, further main set at BO; further material at A, B (ex herb. K. Koch), BM, BR, C, CAL, CGE, FI, FR, G, H, KIEL, LE, M, MA, MO, NSW, NY, P, S, STR, U. W.

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 746; Backer p. 70; Barnhart 1: 204; BM 1: 178-179; Bossert p. 42; Bret. p. 308; Clokie p. 133-134 (Blume material in OXF not from C.L.B.); CSP 1: 437-438; Frank 3(Anh.): 11; Hortus 3: 1188; IF p. 682; IH 2: 80; Jackson see index; JW 1: 439, 2: 185, 3: 343, 4: 376, 5: 234; Kew 1: 271; Langman p. 141; Lasègue p. 562 (index); Lenley p. 448 (signature B.); LS 3108-3110; Moebius p. 142, 143, 421; MW p. 45; NI 174-178; NNBW 8: 132; Plesch 142-143; PR 839-848, ed. 1: 951-958; Rehder 5(index): 90-91; RS p. 75; SK 1: 64-66 (portr., detailed info., many entries); Stevenson p. 1236; TL-1: 37-41; TL-2/1: 234-241 and see indexes; Tucker 1: 88; Urban-Berl. p. 294, 330; Zander ed. 10, p. 635-636, ed. 11, p. 722.

BIOFILE: Anon., Ann. allg. Schweiz. Ges. gesammt. Naturwiss. 1(2): 232. 1824 (on his exp. on Java); Flora 10(1)(2): 32. 1827 (B. returned to Europe); Alg. Konst- Letterbode 1827(2): 137, 1829(1): 227, 1831(1): 50, 359, 1833(1): 429, 1838(2): 290, 1851(1): 257, 1853(1): 193, 305, 1855: 118, 1856: 57; Bonplandia 1(22): 228. 1853 (on B's visit to Berlin, meeting with the King, brought Boehmeria tenacissima Bl.), 3: 30. 1855 (cogn. Leopoldina: Rumpf, chosen by B. himself); Bot. Zeit. 9(36): 1851, 11(20): 375. 1853 (King of Saxony gave B. Ritterkreuz Albrecht Orden), 12(20): 351. 1854 (King of Prussia gave B. Rothen Adler-Orden); Proc. Linn. Soc. London 1862: xcvi-xcviii (obit.); Leidsch Dagblad 5 Feb 1862, no. 598, 3 p. (reprint p. [1]-3 in L; obit.); Gartenflora 11(3): 134-135. 1862 (d.); Bot. Not. 1863: 64, 1888: 206; Dagblad "Kompas" (Jakarta), 1 Jun 1988 (info. on a possible liaison or marriage in Indonesia; see also letter by C.L. Blume ["2"] 27 Dec 1988 to Dir. Rijksherbarium, also at L).
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NOTE: (1) TL-2/568, *Fl. Javae nov. ser.*, Royal Dutch Acad. Sci. received a copy in Nov 1839.
(2) TL-2/561, *Tab. pl. Jav. Orchid.*, see further info. on publication by C.G.G.J. van Steenis, *in* J.C. Arends et al., Liber gratulatorius in honorem H.C.D. de Wit 1980, p. 289-291.

(3) TL-2/570, *Mélanges botaniques*, see C.G.G.J. van Steenis, Taxon 35(2): 272-285. 1986. Copies located, hence duly published, reproduction of the entire publ. of p. [1]-12. 1 Aug 1855. *Copy*: L. – Also extract in Fl. males. Bull. 9(3): 305. 1986.
(4) TL-2/8962, *Hepaticae javanicae*, by C.G.C. Reinwardt, C.G. Nees von Esenbeck and C.L. Blume.
(5) TL-2/567, C.G.G.J. van Steenis, Index to C.L. Blume, *Museum botanicum* vol. 2 (1856-1857). Leiden iii, 24 p. 1974.

ARCHIVES: L, either original or as photocopies.

HANDWRITING: H.M. Burdet, Candollea 27(2): 327-328. 1972.

21.600. *Pugillus plantarum javanicarum* ["iavanicarum"], e cryptogamicarum variis ordinibus selectus. Communicavit Dr. C.F. [sic] Blume, A.C.N.C.S., descripsit Dr. C.G. Nees ab Esenbeck, Acad. h.t. Praeses. (Cum tabulis v aeneis pictis. Bonnae (Apud Eduardum Weberum ...) 1823. Qu. (*Pugill. pl. javan.*).
Authorship: The new species are under the authorship of "N. et Bl." or "Nees et Bl." Co-author C.G. Nees von Esenbeck, see TL-2/3: 705-712.
Publ.: 1823, p. [i], 119-140, *pl. 12-16* (coll. copp. engr.). *Copy*: L. – Preprinted or reprinted with t.p. with "Bonnae (...) 1823" (see above) from Nova Acta Leopold. 11(1): 117-138. 1823. The page 117 in the journal issue has the title as above but without the "Bonnae (...) 1823". The reprint has p. [i] replacing p. [117] of the journal. – Tearsheet-copies (e.g. B) can be identified by the absence of the "Bonnae ...".

21.601. *Beschrijving van eenige Gewassen*, waargenomen op eenen togt naar den Salak, in den jare 1822 ... [Batavia 1823]. Oct.
Publ.: 1823, p. [i], 129-202, [Bijdrage tot de kennis onzer Javaansche Eiken]: [203]-223, [i, err.], pl. [*1-6*]. *Copy*: L. – Reprint of tearsheet from Verhand. Batav. Genootsch. K. & W. 9: 129-202, 203-223, *6 pl.* 1823.

21.602. *Korte beschrijving van de Patma der Javanen*. Medegedeeld in de Bataviasche Courant van den 23sten Maart 1825, no. 12 ... Te Batavia (ter Lands Drukkerij) [1825]. Oct.
Publ.: 23 Mar 1825 (in journal), p. [1]-22. *Copy*: L. – Reprinted from Batav. Courant 23 Mar 1825 (n.v.). – Reprinted in Indisch Magazijn, Tweede Twaalftal 3/4: 183-194. 1845 [sic].
German translation: 15 Oct 1825, *in* Literarisches Wochenblatt der Börsen-Halle, Hamburg 15 Oct 1825, p. 454-462. – Tearsheet at L.

21.603. *Monographie der Oost-Indische Pepersoorten* ... [Verh. Batav. Genootschap Kunst. Wet. ... 1826]. Oct.
Publ.: 1826, p. [i], [139]-245. *Copy*: L. – Reprinted and to be cited from Verh. Batav. Genootsch. Kunst. Wet. 11: 139-245. 1826.
Ref.: Anon., Ann. Sci. Nat. 12: 216-224. 1827.

21.604. *Fungi javanici* editi conjunctis studiis et opera ... [Ex Nova Acta phys.-med. Acad. Leop.-Carol. ... 1826]. Qu.
Publ.: 1827 (reprint perhaps of 1827), p. [9]-22, *pl. 2-7* (col. liths.). *Copy*: L. – Reprinted and to be cited from Nova Acta Leopold. 13(1): 9-22, *pl. 2-7*. 1826.

21.605. *Ueber einige Ostindische*, und besonders Javanische *Melastomaceen* ... [Flora 1831]. Oct.
Publ.: 21 Jul-14 Aug 1831, p. 1-60. *Copy*: L. — Reprinted and to be cited from Flora (Hoppe) 14(27): 465-479. 21 Jul, 481-496. 28 Jul, 497-512. 7 Aug, 513-528. 14 Aug 1831.
Dutch version: 1831, *in* H.C. van Hall, ed., Bijdr. Natuurk. Wet. 6: 211-268. 1831.

21.606. *Neesia*, genus plantarum javanicum, repertum, descriptum et figura illustratum ... Acta Acad. Caes. Leop. Carol. Nat. Cur. ... [1835]. Qu.

Publ.: 1835 (in journal; read 16 Nov 1833), p. [1]-12, *pl. 6* (col. lith.). *Copy*: L. – Reprint or tearsheet from Nova Acta Leopold. 17(1): [73]-84, *pl. 6*. 1835. – See ING 2: 1152. 1979.

21.607. *Over eenige Oost-Indische planten*, welke eene uitmuntende vezelstof opleveren, en gedachten over het nut van dergelijke kulturen tot opbeuring van de buiten Java gelegene etablissementen, ... Leyden [Leiden] (H.W. Hazenberg en Comp.) 1843. Oct. (form.).
Publ.: 1843, p. [1]-31. *Copy*: U. – Reprinted from De Indische Bij 1(4): 481-509. 1843.

21.608. *Verzeichnis der nachgelassenen Bibliothek* des Herrn Professor *Carl Ludwig Blume* in Leiden ... welche am 16. März 1863 in T.O. Weigel's Auctions-Local zu Leipzig gegen baare Zahlung versteigert werden soll ... Leipzig (T.O. Weigel) 1863. Oct. (*Verz. Bibl. Blume*).
Publ.: Jan 1863, p. [i]-vi, [vii], [1]-81. *Copies*: G, L. – The introduction (p. i-iv) is a detailed obituary of Blume.
Ref.: Weigel, T.O., Bot. Zeit. 21(4): 32. 23 Jan 1863 ("... soeben ist erschienen").
Anon., J. Bot. 1: 64. Feb 1863 (rev.).

Blumenbach, Johann Friedrich (1752-1840), German (Gotha born) biologist, physician and anthropologist, studied medicine at the universities of Jena and Göttingen, Dr. med. Göttingen 1775, curator of the natural history collection and extraordinary professor at Göttingen 1776, full professor of medicine 1778, professor primarius Faculty of Medicine 1816. (*Blumenbach*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 748-751; Backer p. 70-71; Barnhart 1: 204; BM 1: 179; Dawson p. 110-118 (corr. Banks); Dryander 3: 347; DSB 2: 203.205; Frank 3(Anh.): 11; Hegi 5(1): 662; Jackson p. 38; NDB 2: 329-330; Quenstedt p. 44 (q.v. for further refs.).

BIOFILE: Barnhart, J.H., Bartonia 16: 21-22. 1935 (in corresp. with Schweinitz).
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Pütter, J.S., Versuch acad. Gelehrt.-Gesch. Göttingen 2: 148-149. 1788, 3: 303-317. 1820, 4: 421-423. 1838.
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Wittrock, V.B., Acta Horti Berg. 3(3): 119. 1905 (on portr.).
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21.609. *Handbuch der Naturgeschichte* ... Göttingen (bey Johann Christian Dieterich) 1779. Oct. (*Handb. Naturgesch.*).
Publ.: *Ed. 1*: 1779-1780

Part 1: 1779, p. [i-xiv], [1]-448 (only botany).
Part 2: 1780, p. [i-ii], 449-559, [560-586, index]. – Part 2 has botany and mineralogy
Copy: GOET(NSUB), thanks to G. Wagenitz.
Ed. 2: 1782, p. [i]-vi, [1]-561, [1-27 indexes], *3 pl. Copy*: GOET(NSUB).
Ed. 3: 1788, p. [i-iii], iv-xvi, [1]-715, *pl. 1-3. Copies*: GOET(NSUB), U.
Ed. 4: 1791, p. [i]-xii, [1]-704, [1-33], *2 pl.*
Ed. 5: 1797 (pref. 20 Mar 1797), p. [i]-xviii, [1]-714, [1-32], *2 pl.*
Ed. 6: 1799 (pref. 10 Mar 1799), p. [i]-xvi, *pl. 1-2*, [1]-708, [1-32]. *Copies*: MO, U. – Göttingen (bey Johann Christian Dieterich) 1799. Oct.
Ed. 7: 1803, p. [i]-xvi, *pl. 1-2*, [1]-734.
Ed. 8: 1807, p. [i]-xiv, *pl. 1-2*, [1]-743, [1-41].
Ed. 10: 1821, p. [i]-xiv, [1]-813, [1], *pl. 1-2*.
Ed. 11: 1825, p. [i*, t.p.], [i]-xi, [xii], [1]-668, *pl. 1-2. Copy*: U.
Ed. 12: 1830, p. [i*, h.t.], [i]-xi, [xii], [1]-668, *pl. 1-2. Copy*: U. – Botany on p. 421-453.
Dutch edition: 1802, p. [i, h.t.]-xxiv, *pl. 1-2* (uncol. copp. engr.), [1]-1062. *Copy*: U. – Botany on p. 686-721. "*Hand-Boek* der *natuurlijke historie* of natuur-geschiedenis, ... uit het hoogduitsch vertaald, vermeerderd en ten dienste vooral der Nederlanders ingericht, door J.A. Bennet en G. van Olivier ... Leyden (bij L. Herdingh) 1802. Oct. (*Handb. nat. hist.*).

Blumenhain, Eugen Heinrich (fl. 1826), Austrian botanist. (*Blumenhain*):

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR ed. 1: 959.

21.610. Die *krautartige Baumwollpflanze*. (Gossypium herbaceum). Mit den Beweisen der Möglichkeit und der Anleitung, diese Pflanze in den Staaten der österreichischen Monarchie fruchtbringend zu kultiviren und einheimisch zu machen ... Brünn (Bei Joseph Georg Trassler) 1826. Oct. (*Kraut. Baumwollpfl.*).
Publ.: 1826, p. [1]-43, *2 pl. Copy*: L (xerox copy), W-Nat.-Bibl.

Blumer, Jacob Corwin (1872-1948), Swiss born American botanist and collector, migrated to the United States with his parents ca. 1881, settling in Davis County, Iowa, studied at Iowa State College 1901-1902, B.S.A. ib. 1902 and at the University of Michigan 1904-1906, seasonal employee of the U.S. Forest Service during the summer of 1901-1905, collected in Arizona 1906-1907, assistant at the Desert Laboratory, Tuscon, Arizona 1907-1908, further collecting in Arizona 1909-1912, assistant forester with the Commission of Conservation of Canada 1913-1916, collected again in Arizona 1917, turned ultimately to farming and landscape gardening, lived during the 1930s and 1940s near Clinton, Minnesota. (*Blumer*).

HERBARIUM and TYPES: ARIZ (main sets, ca. 3000), further material at B, DS, E, F, HH, ISC, K, KSC, L, MICH, MIN, MO, NMC, NY, RM, U, US, WTU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 204 (b. 4 Dec 1872); BJI 2: 15; Ewan ed. 1: 166-167, ed. 2: 22; IH 2: 80; LS 31. 248; Urban-Berl. p. 330.

BIOFILE: Allison, E.M., Univ. Colorado Stud. 6: 51-76. 1908 (bibl., hist. Colorado bot.).
Anon., Amer. men Sci. eds. 3-7. 1921-1944.
Bowers, J.E., Brittonia 35(3): 197-203. 1983 (major biogr. source used in our caption, portr., bibl., list of type specimens collected by him in Arizona, list of biogr. and bibl. papers).
Stieber, M.T., Huntia 4: 153. 1982 (field notes at ISC).

21.611. *Ein Vegetationsbild aus Arizona* im Sommer ... Beiblatt zu den Botanischen Jahrbüchern ... 1913. Oct.

Publ.: 15 Apr 1913 (date on p. 1), p. [1]-10, part of Bot. Jahrb. 50, Beibl. 110: 1-10. 1913. *Copy*: U.

Blumer, Samuel (fl. 1920-1967), Swiss mycologist and phytopathologist at the Botanical Institute and Garden of the University of Bern, ca. 1939 private lecturer. (*S. Blumer*).

HERBARIUM and TYPES: BERN.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 308, 336; Barnhart 1: 204; BFM 3063, 3064, 3124; IH 2: 80; Kew 1: 271; LS suppl. 2950-2959 (bibl.); Stevenson p. 1236.

BIOFILE: Blumer, S. and E. Müller, Schweiz. Z. Pilzkunde 49: 97-108. 1971 (Mykologie und Mykologen in der Schweiz).

21.612. *Zur Entstehung der Glarnerischen Alpenseen*. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der hohen philosophischen Fakultät der Universität Basel von Samuel Blumer von Nidfurn (Glarus). Juni 1901 [sic]. Lausanne (Druck von Georges Bridel & Cie), 1902. Oct. (*Entsteh. Glarner. Alpenseen*).
Publ.: 1902, cover-t.p., p. [i-ii], [203]-244, *pl. 4-7* (col. maps]. *Copy*: U.

21.613. *Beiträge* zur Spezialisation der *Erysiphe horridula* Lév. auf Boragineen ... Jena (Verlag von Gustav Fischer) ... 1922. Oct.
Publ.: 1922, p. [identif. on recto of 480], [480]-506. *Copy*: G. – Reprinted and to be cited from Centralbl. Bakt. Parasitenk. Abteilung 2. 55(21/24): 480-506. 1922.
Inauguraldisseration: 1922, p. [28]-34. *Copy*: G. – Reprinted and to be cited from Jahrb. Philos. Fak. II. Univ. Bern 2: 28-34. 1922.

21.614. Die Formen der *Erysiphe cichoracearum* DC. ... Jena (Verlag von Gustav Fischer). 1922. Oct.
Publ.: 1922, p. [45]-60. *Copy*: G. – Reprinted and to be cited from Centralbl. Bakt. Parasitenk. Abteilung 2. 57(1/3): 45-60. 1922.

21.615. *Pilze. Neue* oder bemerkenswerte *Vorkommnisse* und neu unterschiedene schweizerische Arten ... Separatabdruck aus : "Berichte der Schweizerschen Botanischen Gesellschaft ..." 1931. Oct.
Publ.: Dec 1931 (in journal), p. [12]-18. *Copy*: B. – Reprinted and to be cited from Ber. Schweiz. Bot. Ges. 40(1): 12-18. 1931.
Note: See also next publication being a continuation.

21.616. Fortschritte der Floristik. *Pilze. Neue* oder bemerkenswerte Vorkommnisse und neu unterschiedene Schweizerische Arten ... Separatabdruck aus: "Berichte der Schweizerschen Botanischen Gesellschaft ..." 1932-[1936]. Oct.
Publ.: *1932*: Nov 1932 (in journal, submitted 13 Sep 1932), p. [289]-295. *Copy*: B. – Reprinted and to be cited from Ber. Schweiz. Bot. ges. 41(2): 289-295. 1932.
1934: Mai 1934 (in journal, submitted 15 Feb 1934), p. [30]-37. *Copy*: B. – Id. 43(1): 30-37. 1934.
1936: Aug 1936 (in journal, submitted 5 Feb 1936), p. [297]-311. *Copy*: B. – Id. 45(2): 297-311. 1936.
1938: Sep 1938 (in journal, submitted 29 Jan 1938), Id. 48: 239-252. 1938. – No reprint seen.

21.617. *Die Erysiphaceen Mitteleuropas* mit besonderer Berücksichtigung der Schweiz ... Zürich (Druck und Verlag von Gebr. Fretz A.G.) 1933. Oct. (*Erysiph. Mitteleurop.*).
Publ.: 1933 (p. x: Apr 1932, Hedwigia 10 Aug 1934, Nat. Nov. Oct 1934), p. [i]-x, [1]-483. *Copies*: L, NY, U. – Issued as *Beitr. Krypt.-Fl. Schweiz* 7(1). 1933.
Follow-up: *Echte Mehltaupilze* (Erysiphaceae). Ein Bestimmungsbuch für die in Europa vorkommenden Arten ... Jena (VEB Gustav Fischer Verlag), 1967. Oct., p. [1]-436. *Copy*: B.

21.618. *Die Ausbreitung des Löwenmaulrostes* (Puccinia antirrhini Dieter et Holway) ... Sonderabdruck aus den Mitteilungen der Naturforschenden Gesellschaft Bern aus dem Jahre 1935 [1936]. Oct. (*Ausbr. Löwenmaulrost.*).

Publ.: 30 Mar 1936 (read 28 Oct 1935; reprint publ. 30 Mar 1936, p. 2), p. [1]-2. *Copy*: B. – Preprinted from Mitt. naturf. Ges. Bern 1935: xxvi-xxvii. 1936.

21.619. *Beiträge zur Biologie von Diploceras hypericinum* (Ces.) ... Separatabdruck aus: "Berichte der Schweizerischen Botanischen Gesellschaft" ... 1936. Oct.

Publ.: 1936 (read 5 Feb 1936), p. [312]-332. *Copies*: B, G, L. – Reprinted and to be cited from Ber. Schweiz. Bot. ges. 45: 312-332. 1936.

21.620. Untersuchungen über die *Biologie* von *Ustilago violacea* (Pers.) Fuck. I. ... Berlin (Verlag von Julius Springer) 1937. Oct.

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Blumrich, Josef (1865-1949), Austrian (Bohemian born) botanist, geologist and highschool teacher, student of V. Schiffner, gymnasium teacher at Bregenz, connected with the Vorarlberger Landesmuseum, Bregenz. (*Blumr.*).

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***Blytt, Axel Gudbrand** (1843-1898), Norwegian botanist, son of M.N. Blytt, studied at the University of Christiania [Oslo] 1860, curator of the botanical collections of the university 1865, scholarship at the university 1875, professor of botany ib. 1880. (*A. Blytt*).

HERBARIUM and TYPES: O; further material at B, BHU, BM, BUF, C, CGE, FI, GB, H, K, KIEL, LD, MANCH, OXF, P, PH.

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BIOFILE: Anon., Bot. Not. 1871: 14, 1898: 200; Nat. Nov. 2: 104. 1880 (apptd. curator at Christiania [Oslo]), 20: 420. 1898 (d.); Leopoldina 34: 126-127. 1898 (obit. not.); Bot. Jahrb., Beibl. 61: 3. 1899 (d. 18 Jul 1898); Bot. Gaz. 27(1): 79. 1899 (d., succeeded by J.N.F. Fischer, see TL-2/7: 305); Bot. Zeit. 57(1): 16. 1899 (d.); Bot. Not. 1839-1938. 11, 89. 1939 (lists papers in journal).

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[*2*]: Jul 1886 (printed 1 Jul 1886, see p. 33; Nat. Nov. Aug (1) 1886), p. [1]-33. *Copies*: G, U. – Id. 1886, no. 7.
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2: Nov-Dec 1891 (Ascomyceter fra Dovre samlede af Axel Blytt, E. Rostrup m. fl., bestemte af E. Rostrup), cover-t.p., p. [1, t.p.]-14. *Copies*: B, U. – Id. 1891, no. 9. – For Frederik Georg Emil Rostrup (1831-1907) see TL-2/4: 912-915.
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Publ.: 1909, p. [1]-18. *Copy*: KNAW. – Issued as Bergens Museums Aarbog 1909, no. 8.

***Blytt, Matthias Numsen** (1789-1862), Norvegian botanist, studied natural sciences and law at the University of Christiania [Oslo], travelled in W. Europe and studied with A.P. de Candolle, Genève 1829-1832, lecturer in botany at the University of Christiania, professor of botany ib. 1837-1862, director University Botanical Garden 1843-1862. (*Blytt*).

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EPONYMY: *Hypoblyttia* Gottsche (1857), see ING 2: 859; *Blytia* Endlicher 1840, ed. 1: 212; see also TL-2/1: 242.

21.645. Solennia academica die iv mensis julii augustissimi regis Oscari primi natali celebranda indicit collegium academicum. Inest *enumeratio plantarum vascularum*, quae *circa Christianiam* sponte nascuntur, auctore M.N. Blytt, botanices in Universitate Christianiensi professore. Christianiae (Typis Christophori Gröndahl) 1844. Qu. (*Enum. pl. vasc. Christian.*). *Publ.*: 4 Jul 1844 (date of reading text), p. [1]-76. *Copies*: B-S, G, L, NY, US.

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Publ.: 1857, p. [1]-29. *Copy*: G. – Reprinted from Forh. Skand. Naturf. Möde 8, Bilag Q 3-29. 1857. – The p. [1] of the reprint has only the title (n.d.!).

Boas, Friedrich (1886-post 1956), German botanist and agriculturist, born Hennenbach, Bayern, educated at the humanistic gymnasium at Ansbach, leaving certificate 1906, study chemistry at the University and Technical College of München 1906-1910, assistant with Radlkofer at the Botanical Museum ib. 1909, sometime assistant of Goebel at the plant-physiology laboratory ib., Dr. phil. München 1912, later lecturer at the Bayerische Hochschule für Landwirtschaft und Brauerei at Weihenstephan (Freising), extraordinary professor ib. 1920, ultimately professor at the Botanisches und pathologisches Institut der Technischen Hochschule, München. (*F. Boas*).

HERBARIUM and TYPES: Issued a *Biologisches Unkrautherbarium* (ca. 1918, n.v., see ÖBZ 67: 183. 1918).

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Co-author: Friedrich Merkenschlager (b. 1892).
Publ.: 1923 (preface dated Apr 1923), cover-t.p., p. [i]-viii, [1]-144. *Copies*: MO, U.

21.649. *Systematisch-Botanischer Bildatlas.* Eine Einführung in die spezielle Botanik mit Beigabe eines Stammbaums der Samenpflanzen ... Stuttgart (Verlagsbuchhandlung von Eugen Ulmer, ...) [1931]. Oct. (*Syst.-Bot. Bilder-Atl.*).
Co-author: Gustav Dunzinger (1868-1940).
Publ.: Jul-Oct 1931 (p. 4 signed 1 Jul 1931, Nat. Nov. Nov 1931), cover-t.p., p. [1]-53, [54-56, advertism.], *pl. 1-33* (loose leaves uncol. in cover). *Copies*: B, L.
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Boberski, Ladislaus [Wladyslaw] (1846-1891/2), Austrian (Lemberg, West Galicia) lichenologist, k.k. school inspector of the city of Lemberg. (*Boberski*).

HERBARIUM and TYPES: Some lichens at M, collected in the Tatra; id. WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 205 (d. 1892); GR, cat. p. 60 (d. 1891); LS 3121-3129; Rehder 3: 179.

BIOFILE: Pax, F., Grundz. Pfl.-Verbr. Karpathen (Veg. Erde 2(1)) 31, 37, 52. 1898.
Szymkiewics, D., Bibl. Fl. Polska 45-46. 1925 (bibl.).

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Ref.: Freyn, J.F., Bot. Centralbl. 28(41): 34. 11-15 Oct 1886 (rev.).

Bobilioff-Preisser, Wassily (1888-?), Russian (Bielsk) born mycologist and phytopathologist, educated at a secondary school in Bielostok, studied chemistry at the Technical College in Brünn, later at the Polytechnic in Cöthen (Anhalt), worked with Rosenfeld in Breslau and sometime at the brewery experiment station at Freising, Bavaria, studied at the University of Zürich 1912-1915, assistant ib. with A. Ernst; Dr. phil. Zürich 1916, worked in the Treub laboratory, Buitenzorg (Bogor) 1917-1920, later scientist for the rubber culture in the Dutch East Indies in the late twenties and early thirties. (*Bobilioff*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 205; Kew 1: 273; LS suppl. 2992-2999 (mycol. bibl.).

BIOFILE: Dammerman, K.W., Ann. Jard. Bot. Buitenzorg 45(1): 43. 1935 (worked at Treub lab. 1917-1920).
Pohl, F., Generalregister Beih. Bot. Centralbl. 4. 1931.

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Bobisut, O. (fl. 1904), Austrian botanist, student of G. Haberlandt, assistant at the Botanical Institute of the University of Graz. (*Bobisut*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Tucker 1: 89.

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Bobrov, Eugenii Grigorevich (1902-1983), Russian botanist at the V.L. Komarov Botanical Institute of the Academy of Sciences of the U.S.S.R., St. Petersburg, major contributor to the Flora URSS. (*Bobrov*).

HERBARIUM and TYPES: LE. – Further material in C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 205; Hortus 3: 1188; IH 2: 80; Kew 1: 273; Roon p. 19; Zander ed. 10, p. 636, ed. 11, p. 723.

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(3) Gramineae - Loliolum, 2: 544-545. 24 Aug 1934.
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Bochkoltz, W.C. (fl. 1859-1873), German civil engineer of Trier. (*Bochkoltz*).

HERBARIUM and TYPES: B (from herb. J. Ullepitsch).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 206.

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Publ.: 20 Mai 1864 (in journal), p. 166-174. *Copy*: B. – Tearsheet from Verh. Bot. Ver. Prov. Brandenburg 5: 166-174. 1864.

Bochmann, Felix (fl. 1901), Swiss pharmacist, studied at the University of Bern, Dr. phil. ib. 1901. (*Bochmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 274.

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Bock, Rudolf (fl. 1908), German student of Ed. Fischer at the botanical institute of the University of Bern, Dr. phil. Bern. 1908 (*R. Bock*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS 31.271.

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Bock, Wilhelm (fl. 1908), German school teacher and botanist at Bromberg. (*Wilhelm Bock*).

HERBARIUM and TYPES: Unknown.

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Publ.: 1908 (Nat. Nov. Aug 1908; Bot. Centralbl. 27 Oct 1908), p. [i]-xx, [1]-214. *Copy*: B.

***Bocquillon, Henri Théophile** (1834-1883), French botanist, Dr. sci. 1868, Dr. méd. 1869, professor of natural history at the Lycée impérial Napoléon, the École centrale d'Architecture, later id. at the Faculté de Médecine, Paris. (*Bocq.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 206; BM 1: 162 (first three items); CSP 6: 594, 7: 204; GR p. 306-307; Hortus 3: 1188; Jackson p. 523 (index); Kew 1: 275; Langman p. 142; LS 3140; PR 870; Rehder 5(index): 92; TL-2/1: 245; Tucker 1: 89; Zander ed. 10, p. 636, ed. 11, p. 723.

BIOFILE: Anon., Bull. Soc. bot. France 30(Bibl.): 48. 1883 (d. 16 Mai 1883, apoplexy); Revue de Bot., Bull. mens. soc. franç. Bot. 2: 110-111. 1883-84 (obit. not., d. 15 Mai 1883, Meudon).
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21.665. N° 9. Université de Paris École Supérieure de Pharmacie (1900-1901). *Étude botanique* et pharmacologique des *Xanthoxylées*. Thèse pour l'obtention du diplome de docteur de l'Université de Paris (Pharmacie). Présentée et soutenue le 23 avril 1901 ... Paris (Typographie A. Hennuyer ...) 1901. Oct. (*Étude bot. Xanthox.*).
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Bodard, Pierre Henri Hippolyte (fl. 1798-1810), French medical botanist. (*Bodard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 206; BM 1: 182; PR 871-874, ed. 1: 985-991; Rehder 3: 55, 56, 85.

BIOFILE: Anon., Flora, Beilage 1: 5-6. Jan-Feb 1822 (list of publ.).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 436. 1877.

21.666. *Mémoire sur la Véronique Cymbalaire*. Lu dans la séance de l'Académie d'Agriculture de Florence du 4 Juillet 1798 ... A Pise [Pisa] (De l'Imprimerie de Francesco Pieraccini ...) [1798]. Oct. (*Mém. Véronique Cymb.*).
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Publ.: *1*: 1810, p. [i*-iv*], [i]-cxvii, [cxix-cxx], [1]-328.
2: 1810, p. [i-iii], [1]-445.
Copy: G.

Boden, Franz (fl. 1899), German forester at Hameln (prov. Hannover). (*F. Boden*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS 3144-3145, 31.265; Rehder 5(index): 92; Tucker 1: 90.

21.669. *Die Lärche*, ihr leichter und sicherer Anbau in Mittel- und Norddeutschland durch die erfolgreiche Bekämpfung des Lärchenkrebses ... Hameln und Leipzig (Verlag von Th. Fuendeling) 1899. Oct. (*Lärche*).
Publ.: Sep-Dec 1899 (p. 4: preface dated Aug 1899, Nat. Nov. Jan (1) 1900), cover-t.p., p. [1]-140, *3 pl.* (uncol. phot.). *Copy*: B.
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Bodmann, Helene (fl. 1937), Austrian botanist at Vienna. (*Bodmann*).

HERBARIUM and TYPES: Unknown.

21.670. *Zur Morphologie der Blütenstände von Euphorbia* ... Sonderabdruck aus ... der Österreichischen botanischen Zeitschrift ... [1937]. Oct.
Publ.: 1937, p. [241]-279. *Copy*: B. – Reprinted and to be cited from ÖBZ 86(4): 241-279. 1937.

Bodmer, Helen (1897-x), German born botanist, with her family in Zürich from 1902, educated at various schools in Zürich, studied natural sciences at the Eidgenössische Technische Hochschule, Zürich, 1917-1919, teacher at Landeserziehungsheim Gaienhofen, Baden 1919-1920, studied with Chodat in Genève 1920-1921, final teacher's examination at the Technische Hochschule 1922, assistant with Jaccard at the plant physiology institute at the Technische Hochschule, Dr. nat. Sci. Zürich 1927, then living in London, England. (*H. Bodmer*).

HERBARIUM and TYPES: Unknown.

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Böcher, Tyge Wittrock (1909-1983), Danish botanist, studied botany at the University of Copenhagen 1928-1934, Mag. sci., Bot. 1934, Dr. phil. ib. 1938, assistant at the genetics laboratory of the Agricultural University 1934-1936, id. at the Institute of Plant Anatomy of the University 1936, lector in plant anatomy and cytology 1946, professor 1954, travelled in Greenland 1946 and 1958, Argentina 1955, specialized on arctic botany and on cytology. (*Böcher*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 207; BFM 1581; BL 1: 155, 2: 45, 52, 56, 57, 475; GR p. 681; IH 2: 80; Kew 1: 276-277; Zander ed. 11, p. 723.

BIOFILE: Christensen, C., Danske bot. Litt. 1912-1939. 273. 1940.
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Frodin, D.G., Guide standard floras world 076, 349a. 1984.
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(2) *Botanical studies of the Atuel Valley Area*, Mendoza Province, Argentina, issued as Dansk Bot. Ark. 22(1): 7-115. 1963; *part II*: id. 22(2): 123-184. 1968. – Co-authors: J.P. Herting (1,2), and K. Rahn (1).
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Böckel, Godwin (fl. 1853-1867), German botanist of the Oldenburg and Bremen flora, published later on heredity. (*Böckel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 207; BM 1: 183; CSP 1: 446, 7: 203 (7 papers); PR 879; Rehder 5(index): 92.

BIOFILE: Stieber, M.T. et al. Huntia 4(1): 55. 1981 (plant label at Hunt Institute).

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Publ.: 1853, cover-t.p., p. [1]-36, see also p. [iv] of cover, Anzeige. *Copy*: WU. – For Karl Hagena, *Oldenburgische Flora* see TL-2/2260, for Trentepol and his mss. *Flora von Oldenburg* see also sub Trentepohl, TL-2/6: 468, note 2.
Ref.: Anon., ÖBW 3: 375. 24 Nov 1853 (rev.).
Anon., Bonplandia 2: 137. 1854 (rev.).

***Böckeler [Boeckeler], [Johann] Otto** (1803-1899), German (Hannover) botanist and pharmacist, educated at the Lyceum of Hannover, with the Löwenapotheke at Hildesheim to be trained as a pharmacist, in addition studying the flora of the Hildesheim surroundings, with a pharmacy at Altona for further training, studied pharmacy at the University of Göttingen until 1826, "provisor" at a pharmacy in Bremen 1826-1827, pharmacist at Varel (Oldenburg) 1827-1857, dedicating himself to botany (Cyperaceae) 1857-1899. (*Boeck.*).

HERBARIUM and TYPES: B. – Further material at PH, REG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 207 (b. 12 Aug 1803, Hannover, d. 5 Mar 1899, Varel, Oldenburg); BJI 1: 5; BM 1: 183; DTS 1: 24; Hortus 3: 1188; IH 2: 81; Kew 1: 277; Morren ed. 10, p. 25; TL-2/1: 246-247 and see indexes; Urban-Berl. p. 330; Zander ed. 10, p. 636, ed. 11, p. 723.

BIOFILE: Anon., Bot. Zeit. 55(4): 60. 1897 (golden medal), 57(8): 128. 1899 (d.); 58(2): 32. 1900 (herb. for sale); Bot. Centralbl. 78(15): 64. 1899 (d.); Leopoldina 35: 134. 1899 (d. 5 Mar 1899); ÖBZ 49: 198. 1899 (d.), 50: 107. 1900 (herb. of 12.000 species offered for sale); Bot. Jahrb. 27(Beibl. 64): 19. 1900 (d. 5 Mar 1899, Varel, Oldenburg).
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(2) *Cyperaceae*, *in* E. Warming, Symbolae 4: [1]-32 (instead of 121-152, sic), 153-155. 1 Jun 1870, 25: 24-31. 3 Dec 1874, 27: 159. 10 Mai 1883. – See TL-2/16.709.
(3) *Cyperaceae*, *in* F. Reinecke et al., *Die Flora der Samoa-Inseln*, Bot. Jahrb. 25(5): 585-588. 23 Dec 1898. – See TL-2/4: 699.

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Note: Amended version of TL-2/581.
Publ.: *Heft 1*: 1888, cover-t.p., p. [i-iv], 1-52, 53 Nachtrag. *Copies*: G, L, U.
Heft 2: 1890 (Bot. Centralbl. 3 Sep 1890), cover-t.p., p. [i, iii], 1-43. *Copies*: HH, G, U.
Ref.: BM 1: 183.
Böckeler, J.O., Bot. Centralbl. 39: 73. 1889.
Fritsch, K., Bot. Centralbl. 36(51): 360-364. 18 Dec 1888 (rev.).

***Boedijn, Karel Bernard** (1893-1964), Dutch (Amsterdam born) mycologist, studied biology at the University of Amsterdam 1915, assistant with Hugo de Vries 1916-1918, id. with T.J. Stomps 1918-1925, teacher's examination 1920, Dr. phil. biol. Amsterdam 1925, botanist at the A.V.R.O.S. general experiment station at Medan, Deli, Sumatra 1926-1927, mycologist at the Buitenzorg (Bogor) Herbarium 1928-1941, also extraordinary professor of botany at the Faculty of Medicine at Batavia (Djakarta) 1933-1941, with the Bogor herbarium and professor of botany at the Faculty of Bogor 1945-1958, returned to the Netherlands 1958 living at The Hague and frequently working at the Leiden Rijksherbarium. (*Boedijn*).

HERBARIUM and TYPES: BO and L, personal herbarium at W. – See also TL-2/1: 247. – Collected in Java, Sumatra and on Krakataa; Java material also in B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 207; BFM 2288; IH 2: 81, 439; JW 1: 439, 2: 158, 185; Kew 1: 277; LS suppl. 3035-3048; NAF 1(1): 154, ser. 2. 5: 232; Roon p. 19; SK 1: 67, 8: xv; Stevenson p. 1236; TL-2/1: 247 and see indexes.

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Co-author: Caspar van Overeem (1893-1927), see TL-2/3: 865-866.
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Publ.: Jun 1937 (in journal), cover-t.p., p. 187-196. *Copies*: B, L. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 14(2): 187-196. 1937.

21.731. *A smut* causing galls on the leaves *of Hypolytrum* ... Buitenzorg (Archipel Drukkerij) 1937. Oct.
Publ.: Dec 1937 (in journal), cover-t.p., p. [368]-372. *Copy*: B. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 14(3-4): 368-372. 1937.

21.732. *Annotations about dermatomycoses in Batavia* ... [Den Haag (Dr. W. Junk ...) 1938]. Oct.
Co-author: J.A. Verbunt.
Publ.: 16 Sep 1938 (in journal), cover, p. 185-198. *Copy*: B. – Reprinted and to be cited from Mycopathologia 1(3): 185-198. 1938.

21.733. A new species of the genus *Podostroma from Africa* ... Reprinted from the "Annales mycologici" ... 1938. Oct.

Publ.: 30 Sep 1938 (in journal), p. [314]-317. *Copy*: L. – Reprinted and to be cited from Ann. mycol. 36(4): 314-317. 1938.

21.734. The genus *Calostoma in the Netherlands Indies* (Fungi, Bas.) ... Buitenzorg (Archipel Drukkerij ...) 1938. Oct.
Publ.: Sep 1938 (in journal), cover-t.p., p. [63]-75. *Copies*: B, L. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 16(1): 63-75. 1938.

21.735. *A poisonous species of the genus Phaeomarasmius* (Agaricaceae) ... Buitenzorg (Archipel Drukkerij) 1938. Oct.
Publ.: Sep 1938 (in journal), cover-t.p., p. [76]-82. *Copies*: B, L. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 16(1): 76-82. 1938.

21.736. Een paar *schimmels*, die *op dieren* groeien ... Overdruck uit "De Tropische Natuur" ... 1938. Oct.
Publ.: Oct 1938 (in journal), cover-t.p., p. [165]-169. *Copy*: B. – Reprinted and to be cited from Trop. Natuur 27(10): 165-169. 1938.

21.737. De *morieljes van Java* ... Overdruck uit "De Tropische Natuur" ... 1939. Oct.
Publ.: Jan 1939 (in journal), p. [1]-3. *Copies*: B, L. – Reprinted and to be cited from Trop. Natuur 28(1): 1-3. 1939.

21.738. The *Tuberales of the Netherlands Indies* ... Buitenzorg (Archipel Drukkerij) 1939. Oct.
Publ.: Apr 1939 (in journal), cover-t.p., p. 236-244. *Copies*: B, L. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 16(2): 236-244. 1939.

21.739. De *steenroode wortelschimmel* (Poria hypolateritia). The red-root disease of tea – Poria hypolateritia ... Buitenzorg (Archipel Drukkerij) 1939. Qu.
Co-author: A.F. Schoorel (general part of publ.; Boedijn was author of the systematic part).
Publ.: 1939, cover-t.p., p. 19-25. *Copy*: B. – Reprinted and to be cited from Archief Theecultuur 1: 19-25. 1939.

Boehm, Josef Anton (1831-1893), Austrian botanist, born in Gross-Gerungs (Nied. Österr.), came to Vienna 1850, studied medicine and botany (with Fenzl and Unger), Dr. phil. 1856, habil. Univ. Wien 1857 for "demonstrative Botanik", sometime private teacher as medical doctor, teacher at the "Wiener Handelsakademie" 1858-1862, id. at the University of Vienna 1862-1874, extraord. professor of botany from 1874, professor at the k.k. Forstakademie Mariabrunn which moved 1875 to Vienna. (*Boehm*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 208 (b. 13 Mar 1831, d. 2 Dec 1893); CSP 7: 205, 13: 632; Jackson p. 76, 80, 82, 106, 107; Kew 1: 277; Moebius p. 201, 232, 235, 263, 335, 440.

BIOFILE: Anon., Bot. Centralbl. 56(52): 400. 22 Dec 1893 (d. 2 Dec 1893); Bot. Zeit. 51(2)(24): 381. 16 Dec 1893 (id.); J. Bot. [Morot] 8(1): 20. 1 Jan 1894 (id.); Bot. Not. 1894: 46.
Boehm, J., Inaugurations-Rede des für das Studienjahr 1878/79 gewählten Rectors der k.k. Hochschule für Bodencultur, gehalten am 12 Oct 1878, 12 p.
Johannsen, W., Bot. Tidsskr. 19: xxiii-xxiv. 1894.
Lack, H.W. and O. v. Sydow, Willdenowia 13: 414. 1983 (letters at UPS-UB).
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Wilhelm, K., Ber. deut. bot. Ges. 12: (14)-(28). 1894, Verh. k.k. zool.-bot. Ges. Wien 1893 (6 Dec): 579-586. 1894.
Wittrock, V.B., Acta Horti Berg. 3(3): 65. 1905.

21.740. *Beiträge* zur näheren *Kenntniss* des *Chlorophylls* ... Wien (aus der "Kais. Kön. Hof- und Staatsdruckerei ...") 1857. Oct.
Publ.: 1857 (read Nov 1856, reprint 1857), p. [1]-36. *Copy*: G. – Reprinted and to be cited from S.B. Oesterr. Akad. Wiss. Mat.-Nat. Cl. 22: 479-512. 1857.

21.741. Über die *Schmarotzernatur der Mistel* ... Wien ... 1866. Oct.
Publ.: 1866, *in* S.B. Oesterr. Akad. Wiss., Abt. 1. 52: 90-98. 1866. – No reprint seen.

21.742. Über die *Function und Genesis* der *Zellen* in den Gefässen *des Holzes* ... Aus dem LV. Bde. d. Sitzb. d. k. Akad. d. Wissensch. II. Abth. Mai-Heft [Wien] ... 1867. Oct.
Publ.: 1867, cover-t.p., p. [1]-16, *pl. 1-2* (uncol. liths.). *Copy*: G. – Reprinted and to be cited from S.B. Oesterr. Akad. Wiss. Abt. 2. 55: 851-866. 1867.

***Boehmer, Georg Rudolf** (1723-1803), German (Liegnitz, Lower Silesia born) botanist (anatomy, physiology and pharmaceutic botany), studied at the University of Leipzig, professor of botany at the University of Wittenberg. (*Boehm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 1: 74-75 (A. Engler); AG 2(1): 147; Backer p. 72; Barnhart 1: 208; BM 1: 184-185, 6: 101; Dryander 5: 166 (index); Frank 3(Anh.): 12; Hegi 1: 214; Hortus 3: 1188; Jackson p. 524 (index); Kew 1: 277; Langman p. 145; LS 3175; PR 861-916, ed. 1: 895-925; Rehder 5(index): 93; RS p. 75; TL-2/1: 247-248 and see indexes; Tucker 1: 90, 766; Zander ed. 10, p. 636, ed. 11, 723.

BIOFILE: Dryander, J.C., Cat. bibl. hist. nat. Banks 5: 166. 1800 (index).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 436-437. 1877.
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Rothmaler, W., Fedde, Repert. sp. nov. 53(1): 33, 34. 1944 (publ. 15 Apr 1757: *De Melocacto* ...).
Zachariae, K.S., Memoria G.R. Boehmeri, Wittenberg 1805 (n.v., fide PR).
Zuchold, E.A., Jahresb. nat. Ver. Halle 5: 9-10. 1853 (lists e.g. also diss. acad. defended under B.).

COMPOSITE WORKS: (1) editor and p.p. author of C.G. Ludwig, *Def. gen. pl. ed. 3*, 1760, see TL-2/582 and 5067. – Totally revised, p. [i]-xlviii, [1]-516, [index, 44 p.]. *Copy*: L.
(2) Co-author with C.G. Kiesling, *Pl. caule bulbif.* [1749], see TL-2/3629.
(3) *De plantis in cultorum memoriam nominatis*, *in* C.F. Ludwig, *Delectus opusculorum*, 1790, see TL-2/5058, p. 191-271, see also Dryander 3: 50. 1797.
(4) With P.F.F. Gmelin author of the text of G.W. Knorr, *Thesaurus rei herbariae* 1750-1771, see TL-2/3770.

21.743. *De nectaris florum.* Consensu gratiosi medicorum ordinis praeside Georgio Rudolpho Boehmero phil. et medic. doct. anatom. et botan. prof. publ. ordinario pro gradu doctoris h.l.q.c. [hora locoque consuetis] disputabit Joannes Fridericus Meisner Gorlic. Lusatus medicinae candidatus. D. xx. mens. octobr. a.o.r. mdcclviii. Vitembergae [Wittenberg] (ex Officina Schlomachiana) [1758]. Qu. (*Nect. fl.*).
Publ.: 20 Oct 1758, p. [i]-xlvii, [xlviii, corollaria]. *Copy*: GOET (info. G. Wagenitz).

21.744. *De plantis* in cultorum memoriam praeside D. Georgio Rudolpho Boehmero ... pro gradu doctoris d. xxx. Januar mdcclxx H.L.Q.C. disseret Johannes Fridericus Benedictus

Brevel Schwerinens Polonus medicinae candidatus. Wittenbergae (Litteris Caroli Christiani Dürrii ...) [1770]. Qu. (*De plantis*).
Publ.: 30 Jan 1770 (date of defense thesis), p. [1]-60. *Copy*: U.

21.745. Ordinis medici in Academia wittebergensi h.t. decanus Georgius Rudolphus Boehmer ... Panegyrin medicam d. xxxi mens. augusti mdcclxxiii habendam incidit et *Commoda quae arbores a cortice accipiunt* recenset ... [Vitebergae (Wittenberg) (Litteris Caroli Christiani Dürrii Acad. a typis)] 1773. Qu. (*Commoda arb. cort.*).
Publ.: 31 Aug 1773, p. [1]-8. *Copy*: L. – A second part, also p. [1]-8, not seen by us. – See PR 1010.

21.746. D. Georgii Rudolphi Boehmeri Univers. Witteb. Senioris *Commentatio physico-botanica de plantarum semine* antehac spermatologiae titulo per partes nunc conjunctim edita et aucta accedit dissertatio de contextu celluloso vegetabilium. Wittebergae et Servestae [Zerbst, Anhalt] (Apud Sam. Godofr. Zimmermannum) 1785. Oct. (*Comm. pl. semine*).
Publ.: 1785, p. [i, iii], [1]-458. *Copies*: L, MO.

21.747. *Technische Geschichte der Pflanzen* welche bey Handwerken, Künsten und Manufakturen bereits im Gebrauche sind oder noch gebrauchet werden können ... Leipzig (in der Weidmannischen Buchhandlung) 1794. Oct. (*Techn. Gesch. Pfl.*).
Publ.: *1*: 1794, p. [i-viii], [1]-780.
2: 1794, p. [i], [1]-670.
Copy: U.

21.748. D. Georgii Rudolphi Boehmeri ... *Commentatio botanico-literaria de plantis* in memoriam cultorum nominatus incepta anno mdcclxx nunc ad recentissima tempore continuata. Lipsiae [Leipzig] (In Libraria Weidmanniana) 1799. Oct. (*Comm. bot.-lit. pl.*).
Publ.: 1799, p. [1]-233. *Copies*: MO, U.

21.749. Academiae Wittebergensis h.t. Rector et Facultatis medicae decanus D. Georgius Rudolphus Boehmer dissertationem inauguralem die xix. mens. April. A. MDCCC habendam indicit et *Plantas fabulosas inprimis mythologicae recenset* specimen [I], II, [-VII] ... Wittebergae (Literis Christiani Philippi Meltzeri . [1800-1803]. Qu. (*Pl. fabul. inpr. mythol.*).
Publ.: *1*: 1800, 11 p. , n.v.
2: 19 Apr 1800, p. [1]-14. *Copy*: U.
3: 1 Sep 1801, p. [1]-10. *Copy*: U.
4: 22 Dec 1802, p. [1]-8. *Copy*: U.
5: 1803, 8 p. , n.v.
6: 20 Jan 1803, p. [1]-8. *Copy*: U.
7: 24 Jan 1803, p. [1]-8. *Copy*: U.
8-15 published by Traugott Carolus Augustus Vogt. – PR 925.

21.750. *Lexikon rei herbariae tripartitum* continens etymologiam nominum et terminologiam partim in descriptione partim in cultura plantarum assumptam ... Lipsiae [Leipzig] (Apud Siegfried Lebrecht Grusium) 1802. Oct. (*Lex. rei herb. tripart.*).
Publ.: 1802 (p. viii preface dated 20 Mai 1802), p. [i]-xii, [1]-392, [393-394]. *Copy*: U.

Boelman, Hensem Adriaan Cornelis (fl. 1936), Dutch pharmacist, studied at the University of Utrecht, Dr. phil. ib. 1936. (*Boelman*).

HERBARIUM and TYPES: Unknown.

21.751. *Bijdrage tot de geschiedenis der geneeskruidcultuur in Nederlandsch Oost-Indië.* Proefschrift ter verkrijging van den Graad van Doctor in de Wis- en Natuurkunde aan de Rijksuniversiteit te Utrecht, op gezag van den rector magnificus ... volgens besluit van den

Senaat der Universiteit tegen de bedenkingen van de Faculteit der Wis- en Natuurkunde te verdedigen of Dinsdag den 21sten April van het jaar 1936, ... Leiden (S.C. van Doesburgh). 1936. Oct. (*Bijdr. gesch. geneeskr.-cult.*).
Publ.: 21 Apr 1936 (date of defense thesis), cover-t.p., p. [i-ix], [1]-114, [1-4, theses]. *Copies*: FAS(B), U.

Boening, Richard (1859-?), German (East-Prussian) botanist from Ginthieden, Kreis Königsberg, b. 5 Aug 1859, educated at a scondary school at Königsberg, studied at the Albertus-Universität ib. 1880-1885, Dr. phil. ib. 1885. (*Boening*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 208.

21.752. *Anatomie des Stammes der Berberitze*. Inaugural-Dissertation zur Erlangung der Doktorwürde der philosophischen Fakultät der Albertus-Universität zu Königsberg i. Pr. vorgelegt und mit den beigefügten Thesen Sonnabend den 10. Oktober 1885, mittags 12 Uhr, öffentlich verteidigt ... Königsberg i. Pr. (Hartungsche Buchdruckerei) [1885]. Oct. (*Anat. Stamm. Berberitze*).
Publ.: 10 Oct 1885 (date of defense thesis), p. [i, iii], [1]-33, [34-36], [*8 pl.* mentioned but not found by us in the two copies seen; p. 35: theses, p. 36: vita, b. 5 Aug 1859]. *Copies*: B-S, GOET (inf. G. Wagenitz).

Böninger, Theodor Conrad (fl. 1790), German (Duisburg) physician and botanist. (*Böninger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 208; PR 926.

21.753. Dissertatio inauguralis medica de vegetabilibus venenatis et speciatim *de plantis venenatis agri duisburgensis*. Quam annuente summo numine consentienteque illustri medicorum ordine pro gradu doctoris medicinae ac chirurgiae summisque in eis honoribus ac privilegiis rite et legitime capessendis publico eruditorum examini submittit ... die vi. Octob. mdccxc. Duisburgi ad Rhenum (Typis vid. Benthonianae, Acad. Typogr.) [1790]. Oct. (*Pl. venen. agri duisb.*).
Publ.: 6 Oct 1790 (date of defense thesis), p. [1]-133. *Copy*: NSUB.

***Boenninghausen, Clemens Maria Friedrich von** (1785-1864), German magistrate and botanist, born at the estate Herinckhave near Tubbergen, Netherlands, "Landrat" in Coesfeld, from 1825 director of the land registry office and botanical garden at Münster, botanized in the area of Darup and Münster. (*Boenn.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 78; Backer p. 72; Barnhart 1: 208 (d. 25 Jan 1864); BM 1: 185; CSP 1: 485; Hortus 3: 1188; Jackson p. 307; JW 5: 235; Kew 1: 278; LS 3178; PR 927-928, ed. 1: 1038-1039; Rehder 1: 376, 377, 4: 504; SO 817a; TL-2/1: 248; Tucker 1: 90; Zander ed. 10, p. 636, ed. 11, p. 723.

BIOFILE: Anon., Flora 8(1): 328-336. 7 Jun 1825 (extensive review of his *Prod. fl. monast. westphal.*), 9: 234-236. 1826 (appt. Bot. Gart. Münster), 16(1): 349. 1833 ("Regierungsrath in Münster").
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 437. 1877.
Ilg, W., Hoppea 42: 319. 1984 ("Justizrat in Münster", member Regensb. Bot. Ges.).
Lack, H.W. and O. v. Sydow, Willdenowia 13: 414. 1983.

Runge, F., Abh. Landesmus. Naturk. Münster Westfalen 29: 28. 1967 (brief biogr. note).
Schulz, A., Jahresber. Westf. Prov. Ver. Wiss. Kunst 45: 5-20. 1917 (on his work on the Westphalian flora).

21.754. *Nomenclator botanicus* sistens plantas phanerogamas in circulo Coesfeldiae Westphalorum inquilinas, secundum normam Linneanam dispositas ... Coesfeldiae [Coesfeld] Westphalorum inquilinas ... 1821. Oct. (*Nomencl. bot.*).
Publ.: 1821, p. [i-ii], [1]-20. *Copy*: HH.
Ref.: SO 817a.

Boer, Petrus de (1841-1890), Dutch (Frisian) botanist, studied at the University of Utrecht, pupil of F.A.W. Miquel, Dr. phil. Utrecht 1866, succeeded 1871 H.C. van Hall as professor of botany and director of the Hortus Botanicus at the University of Groningen. (*P. de Boer*).

HERBARIUM and TYPES: If any at GRON; material used for his thesis (see below) at L and U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 208; BJI 2: 429; BM 1: 185; Jackson p. 3; JW 1: 451 (portr. at L(KNBV)), 3: 343; Kew 1: 278; Morren ed. 2, p. 28, ed. 10, p. 90; PR 929; Rehder 1: 79, 218, 2: 9, 15; SK 4: 48, 72; Tucker 1: 90.

BIOFILE: Anon., Leopoldina 26: 112. 1890 (d. Apr 1890).
Andreas, Ch.H., In en om een botanische tuin, Hortus Groninganus 1626-1966. 158-168, 170. 1976.
Gager, C.S., Brooklyn Bot. Gard. Record 27(3): 306. 1938 (dir. Hortus Bot. Groningen 1871-1890).
Stafleu, F.A., Wentia 16: 44. 1966.

NOTE: Theodoric Valeton (1855-1929), TL-2/6: 649-651, was a student of P. de Boer, his dissertation, *Crit. overz. Olacin*, 1886, was defended under de Boer as "promotor".

21.755. *Specimen botanicum inaugurale de Coniferis Archipelagi indici*, quod annuente summo numine, ex auctoritate Rectoris magnifici Henrici Christiani Millies, ... nec non amplissimi Senatus academici consensu, et nobilissimae facultatis matheseos et philosophia naturalis decreto, pro gradu doctoratus summisque in mathesi et philosophia naturali honoribus ac privilegiis in Academia rheno-traiectina rite et legitime consequendis a.d. xxviii m. Novembris, a. mdccclxvi, hora II-III. Eruditorum examini submittet Petrus de Boer ex pago Holwerd Frisiae Traiecti ad Rhenum [Utrecht] (apud J.G. van Terveen et Fil.) 1866. Qu. (*Specim. bot. Coniferis*).
Publ.: 28 Nov 1866 (date of defense thesis; Flora 22 Dec 1866), p. [i-viii], [1]-54, *pl. i-iii* (uncol. liths. of drawings by A.J. Wendel), [55]-56 (theses). *Copies*: G, L, MO, U.
Ref.: Bary, A. de, Bot. Zeit. 25(4): 29. 25 Jan 1867 (rev.).
A.W.E. [Eichler], Flora 50(8): 123-125. 27 Mar 1867 (rev.).

21.756. *De waarde van het vergelijkend onderzoek voor de* beoefening der *plantenkunde*. Redevoering ter aanvaarding van het gewoon hoogleeraarsambt aan de Hoogeschool te Groningen, den 23sten September 1871 uitgesproken ... Groningen (R.J. Schierbeek) 1871. Oct. (*Waarde onderz. plantenk.*).
Publ.: 23 Sep 1871 (date of acception professor's appointment), cover-t.p., p. [1]-32. *Copy*: U.

21.757. *De verklaring van het karakter der vegetatie*. Redevoering den 18den September 1883 uitgesproken bij de overdracht van het rectoraat der Rijks-Universiteit te Groningen, ... te Groningen (bij J.B. Wolters) 1883. Oct. (*Verkl. karakt. veget.*).
Publ.: 18 Sep 1883, cover-t.p., p. [1]-35. *Copy*: U.

***Børgesen** [Boergesen, Börgesen], **Frederik Christian Emil** (1866-1956), Danish, Copenhagen born, botanist, especially algologist, and librarian, studied at the University of Copen-

hagen 1884-1891, Mag. Sci. 1891, Dr. phil. 1904, assistant at the Botanical Museum of Copenhagen 1898-1904, librarian ib. 1900-1934, had a private "botanical garden" at his home at Hellebaek. (*Børgesen*).

HERBARIUM and TYPES: C, and see TL-2/1: 248 for algae exsiccatae. Further material at AHFM, AK, B, BG, BM, F, FH, G, H, HH, K, L, M, MO, O, NY, UPS, PC.

NAME: Børgesen is the original Danish spelling; often written in non-Danish litt. "Boergesen", or "Börgesen".

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 209; BJI 1: 6, 2: 15-16 (list of reviews of numerous publ. by B.); BL 2: 52; BM 1: 201, 6: 110; Bossert p. 46; CSP 1: 485; De Toni 4: vi; GR p. 681 (d. 22 Mar 1956); IH 2: 86; Kew 1: 279-280; KR p. 112 (b. 1 Jan 1866); LS 3181, 3386-3387; Nordstedt p. 4, 9; Plesch p. 46; PR 927-928; Rehder 5(index): 94; SBC p. 116; TL-2/1: 248-249 and see indexes; Tucker 1: 91.

BIOFILE: Anon., Bot. Centralbl. 79: xv. 1899 (to Faer-Oer); ÖBZ 50: 347. 1 Sep 1900 (B. appt.librarian at Bot. Gard. Copenhagen); Bot. Jahrb. 29(Beibl. 66): 31. 4 Dec 1900 (appt. librarian Bot. Gard. Copenhagen).
Boergesen, F.C.E. and Th. Mortensen, Atlanten 1: 89-103. 1904 ("En biologisk station i Dansk Vestindien"); Det ny Aarhundrede 1(1): 401-410. 1904 ("Vestindiens betydning for Dansk naturforskning").
Christensen, C., Danske bot. lit. 1880-1911: 141-144. 1913 (portr., bibl.), id. 1912-1939: 29-32. 1940 (bibl., portr.).
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Dickinson, C.I., Kew Bull. 1956(3): 400. 23 Feb 1957 (brief obit.).
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Fox Maule, A., Bot. Tidsskr. 69: 183, 184, 190, 192. 1974 (coll. India, Ceylon 1927-1928, 311 phan., 525 algae).
Hansen, A., Dansk bot. Ark. 21(1): 61. 1963; Bot. Tidsskr. 69: 207. 1974 (eponymy); Bocagiana 51: 3. 1980.
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Koster, J.Th., Taxon 18: 550. 1969 (herb. mat.).
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Melchior, H., Bot. Jahrb. 61(Lit.): 39. 15 Jun 1927 (rev. of *Marine algae from the Canary Islands*, see TL-2/1: 591, parts 1 and 2).
Petersen, J.B., Bot. Tidsskr. 53: 116-117. 1956 (portr.; b. 1 Jan 1866, d. 22 Mar 1956).
Prescott, G.W., Bibl. Desmid. Univ. 62-63. 1984 (bibl.).
Rydberg, P.A., Augustana Coll. Rib. Publ. 5: 49. 1907.
Sayre, G., Mem. New York Bot. Gard. 19(3): 295. 1975.
Stafleu, F.A., Taxon 19: 641. 1970.
Urban, I., Symb. ant. 1: 14. 1898, 3: 2, 26. 1902.
Wittrock, V.B., Acta Horti Berg. 3(3): 86. 1905 (portr.).

COMPOSITE WORKS: (1) *Marine algae*, *in* C.E.H. Ostenfeld (see TL-2/3: 854-856), *Plants from Beata Islands*, Dansk bot. Ark. 4(7): 14-35. 1929.
(2) Sur *Platysiphonia* nov. gen. et sur les organes mâles et femelles du *Platysiphonia miniata* (Ag.) comb. nov., *in* Recueil de Travaux cryptogamiques dédiés à Louis Mangin 21-29. 1931.
(3) *Marine algae from Easter Island*, *in* C. Skottsberg, see TL-2/5: 12.073.
(4) *Algenvegetationsbilder* von den Küsten der Faröer, *in* Karsten and Schenck, ser. 4. *6 pl.*, 4 p. text, Jena 1906. – Christensen no. 29.
(5) *Die Naturverhältnisse auf den dänischen westindischen Inseln*, by F.P. Uldall & F. Børgensen, [in A. Lütken,] *Vore vestindiske Øer. Nord og Syd* 1898, p. 144-195. *Review*: M.

Pedersen, Bot. Centralbl. 79(29): 101-102. 5 Jul 1899.
(6) *Algues d'eau douce (sauf les Diatomées)*, *in* C.E.H. Ostenfeld, *Contribution à la flore de l'île Jan Mayen*, Bot. Tidsskr. 21: 22-23. 1897.

NOTE: The publications in TL-2/1: 249 are not again treated.

21.758. Et lille *bidrag til Bornholms Desmidié-Flora* ... Saertryk af Botanisk Tidsskrift ... Kjøbenhavn [Hoffensberg & Trap's Etabl.]. 1889. Oct.
Publ.: 1889 (Nat. Nov. Mar (1) 1890), p. [141]-152, *pl. 6* (uncol.). *Copy*: B. – Reprinted and to be cited from Bot. Tidsskr. 17(3): 141-152, *pl. 6*. 1889. – Bidrag ... on p. 141-149; on p. 150-152 Latin extract. – Christensen no. 1.

21.759. *Nogle Ericinee-Haars Udviklingshistorie* ... Saertryk af Botanisk Tidsskrift ... Kjøbenhavn (Hoffensberg & Trap's Etabl.) 1890. Oct.
Publ.: Aug 1890 (in journal), p. [1]-8. *Copy*: B. – Reprinted and to be cited from Bot. Tidsskr. 17(4): 307-314. 1890. – Christensen no. 2.

21.760. Symbolae ad floram Brasiliae centralis cognoscendum. Edit. Eug. Warming. Particula xxxiv ... *Desmidiae* ... Saertryk af Vidensk. Meddel. fra den naturh. Forening 1890 [i.e. 1891]. Oct.
Publ.: 21 Apr 1891, p. [24]-53 [also 929-958], *pl. 2-5* (uncol. liths.). *Copy*: B. – Reprinted and to be cited from E. Warming, Symbolae 34: 929-958, *pl. 2-5*. 1891. – Christensen no. 3.
Note: See the treatment of the *Desmidiaceae* in E. Warming, Symbolae 5, Desmidiaceae [1] by C.F.O. Nordstedt, see TL-2/16.709, no. 5 (publ. 1 Jun 1870).

21.761. *Ferskvandsalger fra Østgrønland* ... Kjøbenhavn (Bianco Lunos Kgl. Hof-Bogtrykkeri (F. Dreyer)) 1894. Oct.
Publ.: 1894, p. [1, t.p.]-41, *pl. 1-2* with text (uncol. liths. auct.). *Copies*: B, G., – Reprinted and to be cited from Meddel. Grønland 18: 1-41, *pl. 1-2*. 1894. – Christensen no. 4.
French summary: ib. p. 478-481. 1894.
Ref.: Anon., Hedwigia 34(Rep.): 50. 8 Apr 1895 (short rev.).

21.762. *Bidrag* til kundskaben om *arktiske planters bladbygning* ... Saertryk af Botanisk Tidsskrift ... Kjøbenhavn. 1895. Oct.
Publ.: 1 Jun 1895 (in journal, Bot. Zeit. 16 Mai 1815[sic!], Nat. Nov. Aug (1) 1895), p. [219]-243, *pl. 15-17* with text (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Bot. Tidsskrift 19(3): 219-243, *pl. 15-17* with text. 1895. – Christensen no. 5a.
French version: 1 and 16 Jan 1895 (in journal), p. [1]-14. *Copy*: B. – Reprinted and to be cited from J. Bot. [Morot] 9(1): 1-7. 1 Jan, 9(2). 21-27. 16 Jan 1895. – *Sur l'anatomie des feuilles des plantes arctiques* ... [Paris (J. Mersch, imp., ...) 1895]. Oct. – Christensen no. 5b.

21.763. *En for Faerøerne ny Laminaria* ... Saertryk af Botanisk Tidsskrift ... 1896. Oct.
Publ.: Nov 1896 (in journal), p. [403]-405. *Copy*: L. – Reprinted and to be cited from Bot. Tidsskr. 20(3): 403-405. 1896. – Christensen no. 7.
Note: See also his *Planter samlede paa Faeröerne* i 1895 ... Bot. Tidsskr. 20(2): 143-158. 1895. – With Carl Emil Hansen Ostenfeld (1873-1931), see TL-2/3: 854-856. – Christensen no. 6.

21.764. *Beretning* om et par *exkursioner i Sydspanien* ... Saertryck af Botanisk Tidsskrift ... Kjøbenhavn 1897. Oct.
Publ.: Dec 1897 (in journal), p. [139]-150, *pl. 5-6* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Bot. Tidsskr. 21(2): 139-150, *pl. 5-6*. 1897. – Christensen no. 9.

21.765. *Om vegetationen paa de dansk-vestindiske Øer* ... Kjøbenhavn (Det Nordiske Forlag ...) 1898. Oct. (*Veg. dansk-vestind. Øer*).

Junior author: Ove Vilhelm Paulsen (1874-1947), see TL-2/4: 113-114.
Publ.: Jan-Mar 1898 (Bot. Centralbl. 6 Apr 1898, Nat. Nov. Apr (2) 1898, Flora 23 Apr 1898), p. [i-iv], [1]-113, [114, cont.], *pl. 1-11* with text. *Copies*: B, LD, MO, NY. – Preprinted from Bot. Tidsskr. 22(1): 1-114, *pl. 1-11*. – See also TL-2/7529 (same title) and Christensen no. 10a.
French translation: 1900, see below, *Veg. Ant. Danois* 1900.
See also: with F.P. Uldall, *Vore vestindiske Öer*, Nord og Syd, 744-795. 1898 *and* independent issue 1900.
Ref.: Anon., Hedwigia 37(Beibl.) 3-4: (93). 25 Jun 1898 (brief. rev.).
Engler, A., Bot. Jahrb. 26(Lit.): 15. 31 Mai 1898 (brief rev.).
Pedersen, M., Bot. Centralbl. 74: 143-149. 1898 (rev.).

21.766. *Nogle ferskvandsalger fra Island* ... Saertryk af Botanisk Tidsskrift ... Kjøbenhavn 1898 [i.e. 1899]. Oct.
Publ.: Apr 1899 (in journal), p. [131]-138. *Copies*: B, L. – Reprinted and to be cited from Bot. Tidsskr. 22(2): 131-138. 1899. – Christensen no. 12.

21.767. *Conspectus algarum novarum aquae dulcis*, quas in insulis Faeroensibus invenit ... Saertryk af Vidensk. Meddelelder fra den naturh. Foren. i Kbhvn [Kjøbenhavn] ... 1899. Oct.
Publ.: 1899 (read 14 Apr 1899), slip on further publ. [see below], p. [317]-336. *Copies*: B, L. – Reprinted and to be cited from Vid. Meddel. naturh. Foren. Köbenhavn 1899: 317-336. – Christensen no. 13.
English [*final*] *version*: *Freshwater algae*, in *Botany of the Faeröes* [1] based upon Danish investigations, p. [198]-259, *pl. 7-10* (uncol., auct.), 3 Apr 1901 (date of publication as separate), see below. – Christensen no. 15.

21.768. *A contribution to the knowledge of the marine Alga vegetation on the coasts of the Danish West-Indian Islands* ... [Saertryck af "Botanisk Tidsskrift" ... 1900]. Oct.
Publ.: 1 Jun 1900 (in journal), cover-t.p., p. [49]-57, Danish summary on p. 58-60. *Copies*: B, L. – Reprinted and to be cited from Bot. Tidsskr. 23(1): 49-60. 1900. – Danish summary: *Et bidrag til kundskaben om Algevegetation ved kysterne af Dansk Vestindien* on p. 58-60. – Christensen no. 14.

21.769. *Vore Vestindiske Øer* ... Kjøbenhavn (Forlagt af Universitetsboghandler G.E.C. Gad ...) 1900. Oct.
Co-author: F.P. Uldall.
Publ.: 1900 (as independent publication): p. [1]-55, 2-page photogr. *Copy*: MO. – Previously published in Nord og Syd 744-795. 1900. – Christensen no. 11.

21.770. *La végétation des Antilles Danoises* ... traduit en français par Mlle. S. Eriksson. Paris (Paul Dupont, éditeur ...) 1900. Oct. (*Veg. Ant. Danois*).
Co-author: Ove Vilhelm Paulsen (1874-1947), see TL-2/ 4: 113-114.
Publ.: 1900, cover-t.p., p. [1]-108, *pl. 4-14*. *Copy*: B. – Preprinted or reprinted from Rev. gén. Bot. 12: 99-107, 138-153, 224-245, 289-297, 344-354, 434-446, 480-510, *pl. 4-14*. 1900. – French translation of *Veg. dansk-vestind.Øer* 1898, see above. – Part I. *La végétation des halophytes* par F. Boergesen, Part II. *La végétation des taillis et des bois* par Ove Paulsen. – Christensen no. 10b.
Translation (into french) by Mlle. S. Eriksson.

21.771. *Freshwater Algae of the Faeröes* ... København (printed by H.H. Thiele) 1901. Oct. (*Freshwater alg. Faeröes*).
Publ.: 3 Apr 1901 (date on cover-t.p. of preprint), cover-t.p., p. [198]-259, *pl. 7-10*. *Copy*: B. – Preprinted from *Botany of the Faeröes* 1, det Nordiske Forlag, Copenhagen 1901. – Christensen no. 15.

Preliminary publication (in Danish): see above, *Conspectus algarum novarum aquae dulcis*. 1899, 20 p.
Ref.: Anon., Hedwigia 40(Beibl.) (3): (71). 20 Jun 1901 (brief rev.).
Pedersen, M., Bot. Centralbl. 88(47): 226-227. 14 Nov 1901 (rev.).

21.772. The *marine algae of the Faeröes*. Reprinted from the "Botany of the Faeröes", part II, det Nordiske Forlag, Copenhagen. Published by the aid of the Carlsberg Fund ... Copenhagen (printed by H.H. Thiele) 1902. Oct. (*Marine alg. Faeröes*).
Publ.: 15 Nov 1902 (date on t.p. preprint; Nat. Nov. Dec (2) 1902), cover-t.p., p. [339]-532, map. *Copy*: U. – Preprinted from *Botany of the Faeröes* 2, 1902-1903, [part 1], edited by E. Warming, general editor, see TL-2/16.736. – Christensen no. 16.
Note: Facsimile print Amsterdam 1970, see TL-2/587a.
Ref.: Kuckuck, E.H.P., Bot. Zeit. 61(2)(nos. 14-15): 225-226. 20 Jul 1903 (rev. of *Marine alg. Faeröes*).
Stafleu, F.A., Taxon 19: 641. 28 Aug 1970 (note on facsimile edition).
Wille, N., Bot. Centralbl. 92(1): 9. 7 Jan 1903 (rev. *Marine alg. Faeröes*).
Hariot, P., Bull. Soc. bot. France 51(Bibl.): 207-208. 1904 (rev.).

21.773. *Phytoplankton of Lakes in the Faeröes* ... Botany of the Faeröes based on Danish investigations ... Copenhagen and Christiania (Gyldendalske Boghandel. Nordisk Forlag), London (John Wheldon & Co.) 1903. Oct.
Co-author: Carl Emil Hansen Ostenfeld (1873-1931), see TL-2/3: 854-856.
Publ.: 15 Aug 1903 (preprint, issued in advance of publication of part 2 of *Botany of the Faeröes*), p. 613-624. *Copy*: B. – Christensen no. 17.
Ref.: Anon., Hedwigia 42(Beibl.) (5): (243). 7 Oct 1903 (rev.).

21.774. *The marine algae of the Shetlands* ... Reprinted from the "Journal of Botany" ... 1903. Oct.
Publ.: Sep 1903 (in journal), p. [1]-7. *Copies*: B, L. – Reprinted and to be cited from J. Bot. 41: 300-306. – Christensen no. 20.

21.775. *Om algevegetationen ved Faerøernes kyster* en plantegeografisk undersøgelse ... København og Kristiania (Gyldendalske Boghandel. Nordisk Forlag ...) 1904. Oct. (*Algeveg. Faerøern. kyst.*).
Publ.: 1904 (Nat. Nov. Aug (1) 1904), p. [i-vi, on p. iv statement Dean of faculty text approved for thesis 9 Mar 1903 (for D. Sc.)], [1]-122, [123, theses], [125, contents], errata-slip, *pl. 1-12* (uncol. phot.), 1 map. *Copies*: BR, L, NY; IDC 6343/2. – Christensen no. 21a.
Critical notes by Morton P. Porsild og Herm. G. Simmons, *Om Faerøernes Havalgevegetation og dens Oprindelse. En kritik*, Bot. Not. 1904: 149-169, and II. by Herm. G. Simmons, *De ökologiska enheterne i den färöiska hafsalg vegetationen*, Bot. Not. 1904: 170-180, 197-236. See KR p. 576 (Porsild and Simmons no. 1), and p. 644 (Simmons no. 17).
Note: For further detailed version see *Alg.-Veg. Faeröes* 1905, below.
Ref.: Kuckuck, E.H.P., Bot. Zeit. 62(2): 343-345. 16 Nov 1904 (rev.).
Wille, N., Bot. Centralbl. 98(9): 220-223. 7 Mar 1905 (detailed rev.).

21.776. Om *Faerøernes Algevegetation* Et gensvar 1 [og 2] ... Bot. Not. 1904[-1905]. Oct.
Publ.: *1*: 16 Dec 1904 (in journal), cover (identif.), p. 245-274. *Copies*: B, L. – Reprinted and to be cited from Bot. Not. 1904: 245-274.
2: 15 Feb 1905 (in journal; Nat. Nov. Mar(2) 1905), cover (identif.), p. 25-56. *Copies*: B, L. – Id. 1905: 25-56. – Christensen no. 24.

21.777. *Utoft hedeplantage* en floristisk undersøgelse af et stykke hede i Vestjylland ... København (Bianco Lunos Bogtrykkeri) 1904. Oct.
Co-author: Christian Erasmus Otterstrøm Jensen (1859-1941), see TL-2/1: 439-440.
Publ.: Dec 1904 (in journal), cover-t.p., p. [i, t.p.], [177]-220, [221]. *Copy*: B. – Reprinted and to be cited from Bot. Tidsskr. 26(2): 177-221. 1904. – BL 2: 52, Christensen no. 22.

21.778. The *distribution* of the *marine algae* of the *Arctic Sea* and of the northernmost part of the Atlantic ... Botany of the Faeröes based upon Danish investigations ... Appendix ... Copenhagen and Christiania (Gyldendalske Boghandel. Nordisk forlag), London (John Wheldon & Co.) 1905. Oct.
Co-author: Helgi Jónsson (1867-1925), see TL-2/2: 460.
Publ.: 28 Aug 1905 (in *Bot. Faeröes*), p. i-xxviii. *Copies*: seen only in full sets by us of *Bot. Faeröes*; however, separate copies were distributed on 28 Aug 1905. – Hariot (1906) saw a separate copy "in-8, xxviii p. (s.l.n.d.)".
Facsimile reprint 1970: see TL-2/587c. – Christensen no. 27.
Ref.: Hariot, P., Bull. Soc. bot. France 53(3): 175-176. Mai 1906 (rev.).
Wille, N., Bot. Centralbl. 99(40): 343-344. 10 Oct 1905 (rev.).

21.779. The *Algae-Vegetation of the Faeröese coasts* with remarks on the phyto-geography. Reprinted from the *Botany of the Faeröes* 3 published by the aid of the Carlsberg Fund. Issued November 1905. Copenhagen (printed by H.H. Thiele) 1905. Oct. (*Alg.-Veg. Faeröese coasts*).
Publ.: 1 Nov 1905 (date on cover-t.p.; Bot. Zeit. 16 Dec 1905), cover-t.p., p. 683-834, *12 pl.* 1905. *Copies*: G, NY (copy of M.A. Howe). – Preprinted from *Botany of the Faeröes* 3: 683-834, *12 pl.*. 1905-1908. – Christensen no. 21b. – Abstract by P. Hariot, Bull. Soc. bot. France 56(8): 582-586. 6 Jan 1910.
Note (*1*): Facsimile reprint Amsterdam 1970, see TL-2/587b.
Note (*2*): In part an English version of *Algeveg. Faerøern. kyst* 1904 (see above), but with numerous additions. – See also N. Wille, Bot. Centralbl. 101(4): 100. 30 Jan 1906.
Ref.: Gepp, E.S., J. Bot. 44: 36-37. Jan 1906 (rev.).
H.G., Hedwigia 45(Beibl.) 2: (42)-(43). 16 Jan 1906 (rev.).

21.780. *Contributions à la connaissance du genre Siphonocladus* Schmitz ... Academie royale des sciences et des lettres de Danemark ... 1905. Oct.
Publ.: 1905, cover-t.p., 1-33. *Copy*: L. – Reprinted and to be cited from Bull. Acad. roy. Sci. Lettre Danemark 1905(3): 259-291. – Christensen no. 26.

21.781. *Indtryk* fra en *rejse til Vestindien* i vinteren 1905-1906 ... [Atlanten ... Kbhvn [Copenhagen] (Det Hoffensbergske Etabl.) 1906]. Oct. (size).
Publ.: Nov-Dec 1906 (in journal), cover-t.p., p. [1]-24. *Copy*: B. – Reprinted and to be cited from Atlanten 3(35-36): 520-543. 1906. – Christensen no. 31.

21.782. *Note on* the question whether *Alaria esculenta* sheds its lamina periodically or not ... [Saertryk af Botanisk Tidsskrift ... (KBH. Bianco Luno) 1907]. Oct.
Publ.: Dec 1907 (in journal), cover-t.p., p. [199]-202. *Copies*: B, L. – Reprinted and to be cited from Bot. Tidsskr. 28(2): 199-202. 1907. – Christensen no. 32.

21.783. An *ecological and systematic account of the Caulerpas* of the Danish West Indies ... København (Hovedkommissionaer: Andr. Fred. Høst & Søn, ... Bianco Lunos Bogtrykkeri) 1907. Qu. (*Ecol. syst. acc. Caulerp.*).
Publ.: 1907 (Nat. Nov. Sep (1) 1908 sic, review Kuckuck 1 Jul 1908), cover-t.p. (with French and Danish identification), cover-t.p., p. [1, t.p.]-55, [56]. *Copies*: L, U. – Issued as Kgl. Danske Vidensk. Selsk. Skr. ser. 7, nat. math., 4(5): 337-391, [392]. 1907. – Christensen no. 33.
Ref.: Kuckuck, E.H.P., Bot. Zeit. 66(2): 234. 1 Jul 1908 (rev.).

21.784. The *Dasycladaceae of the Danish West Indies* ... [Saertryk af Botanisk Tidsskrift ... Kbh. (Bianco Luno) ... 1908]. Oct.
Publ.: Mai 1908 (in journal), cover-t.p., p. [271]-283. *Copies*: B, L. – Reprinted and to be cited from Bot. Tidsskr. 28(3): 271-283. 1908. – Christensen no. 34.

21.785. The *species of Avrainvilleas* hitherto found on the shores of the Danish West Indies ... [Saertryk af Vidensk. Meddel. fra den naturh. Foren. i Kbhvn. 1908]. Oct.
Publ.: Jul-Dec 1908 (mss. closed Jun 1908, see p. 44; Nat. Nov. Jul (1) 1909), cover-t.p., p. [27]-44, *pl. 3* (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from Vidensk. Meddel. naturh. Foren. Köbenhavn 1908: 27-44, *pl. 3*. 1908. – Christensen no. 35.

21.786. *Gardening and tree-planting in the Faeröes* ... Botany of the Faeröes [1908]. Oct.
Publ.: 3 Feb 1908 (in *Botany of the Faeröes*), cover-t.p., p. [1027]-1043. *Copy*: B. – Preprinted or reprinted from *Botany of the Faeröes* 3: 1027-1043. 1908. – Christensen no. 36.
Danish summary: Gartn. Tid. 24: 41-46 (n.v.).
French summary: by Llaloy, La Géographie, Bull. Soc. Géogr. 20: 181-186. 1909.

21.787. Nogle *taveplanter* egnede til dyrkning i dansk Vestindien ... Saertryk af "Atlanten" ... [1908]. Oct.
Publ.: 1908 (in journal), p. [1]-5, 6-7. *Copy*: B. – Reprinted and to be cited from Atlanten 5(50-51): 190-194 [taveplanter] and 228-229 [6-7 in reprint]. 1908. – First article (p. 1-5) in reprint deals with fibre plants in cultivation; second article included on p. 6-7 *Om Kautschukplanten 'Manihot Glaziovii'*, published in Atlanten 5: 228-229. 1908. – Christensen nos. 37, 38.

21.788. Notes on the *shore vegetation of the Danish West Indian Islands*. A Supplement to my earlier paper on the halophyte vegetation of the Islands ... Copenhagen (printed by Bianco Luno) 1909. Oct.
Publ.: 13 Apr 1909 (date on p. 259), cover-t.p., p. [i, t.p.], p. [201]-259, *pl. 3-6* (uncol. phot. 3-5, 6 is map). *Copy*: L. – Reprinted and to be cited from Bot. Tidsskr. 29(3): 201-259, *pl. 3-6*. 1909. – Christensen no. 39.

21.789. *Motion au Congrés international de Botanique* à Bruxelles 1910 ... [Kjøbenhavn (Bianco Luno) 1910]. Oct.
Authorship F. Børgesen; Janus Lauritz Andreas Kolderup Rosenvinge (1858-1924), see TL-2/4: 894-898; Carl Frederik Otto Nordstedt (1838-1924), see TL-2/3: 768-770. – "Motion apprové" by 29 algologists, see p. 6.
Publ.: Jul 1909 (in journal), p. [1]-10. *Copy*: FAS(B). – Preprinted from Bot. Tidsskr. 29(3): 320-325. 1909. – Journal not cited on reprint. – KR no. 2, Christensen no. 43.

21.790. *Fucus spiralis*, Linné, or Fucus platycarpus, Thuret: a question of nomenclature ... Extracted from the Linnean Society's Journal – Botany ... 1909. Oct.
Publ.: Aug 1909 (in journal; read 4 Feb 1909), p. [105]-119, *pl. 9* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from J. Linn. Soc., Bot. 39: 105-119. 1909. – Christensen no. 42.

21.791. Some new or little known *West Indian Florideae* ... [Saertryk af Botanisk Tidsskrift ... 1909]. Oct. (*West Ind. Florid.*).
Publ.: [*1*]: late Oct-Nov 1909 (preprint dated 23-10-1909 on p. 19, issued in journal Dec 1909), cover-t.p., p. [1]-19, *pl. 1-2* (uncol. phot.). *Copies*: B, L. – Preprinted from Bot. Tidsskr. 30(1): 1-19, *pl. 1-2*. Dec 1909. – Christensen no. 40.
2: 13 Mai-Dec 1910 (text printed 13 Mai 1910), cover-t.p., p. [177]-207. *Copies*: B, L. – Preprinted from Bot. Tidsskr. 30(3): 177-207. 1910. – Christensen no. 44.

21.792. *Vegetationen i Dansk Vestindien* ... København (trykt hos Nielsen & Lydiche (Axel Simmelkiaer) 1909. Oct.
Publ.: 1909, cover-t.p., p. [i, t.p.], [601]-632. *Copies*: B, L. – Reprinted and to be cited from Bilag til Atlanten 6(63-65): 601-632. – In "De Danske Atlanterhavsöer" 4. – Christensen no. 41.

21.793. *Freshwater algae from the "Danmark-Expedition"* to North-East Greenland (N. of 76 N. Lat.) ... København (Bianco Lunos Bogtrykkeri) 1910. Oct. (*Freshwater alg. Danm.-Exp.*).
Publ.: Shortly after 6 Apr 1910 (date of printing), cover-t.p., p. [69]-90. *Copies*: B, G, L. – Preprinted from Meddel. Grönland 43: 69-90. 1910. – Preprint issued in Danmark-Ekspeditionen til Grønlands Nørøstkyst 1906-1908, Bind III. Nr. 3. – Christensen no. 45.
Ref.: G.H., Hedwigia 50(Beibl.) 2: (55)-(56). 8 Aug 1910 (rev.).

21.794. Some *Chlorophyceae* from the *Danish West Indies* ... [Saertryk af Botanisk Tidsskrift ... 1911]. Oct.
Publ.: [*1*]: Jun 1911 (in journal), cover-t.p., p. [127]-152. *Copies*: B, L. – Reprinted and to be cited from Bot. Tidsskr. 31(2): 127-152. 1911. – Christensen no. 46.
2: Jun 1912 (in journal; Nat. Nov. Jun (1) 1912), cover-t.p., p. [241]-273. *Copies*: B, L. – Id. 32(1): 241-273. 1912.

21.795. The *algal vegetation of the lagoons in the Danish West Indies* ... [Saertryk af Biologiske Arbejder tilegnede Eug. Warming ... 1911]. Oct.
Publ.: 3 Nov 1911 (date of publ. Warming's Festschrift), cover (identif.), p. [41]-55, [56]. *Copies*: B, L. – Reprinted and to be cited from Biol. arbejd. tilegn. E. Warming 41-56. 1911. – Christensen no. 47.

21.796. *Two crustaceous brown algae* from the Danish West Indies ... Padova (Tipografia del Seminario) 1912. Oct.
Publ.: Jul 1912 (in journal), cover-t.p., p. [1]-7. *Copy*: L. – Reprinted and to be cited from Nova Notarisia 23: 123-129. 1912. – Christensen no. 49.

21.797. *The marine algae of the Danish West-Indies.* Copenhagen (Bianco Luno) 1913-1920. Oct.
Publ.: 1913-1920, a series of papers published in Dansk botanisk Arkiv, *reprinted as follows*:
Part 1: Jun-Jul 1913 (p. 158: printed 18 Jun 1913; Nat. Nov. Jul (2) 1913), p. [1]-158, [159-160], map. – Reprinted from Dansk bot. Ark. 1(4). 1913. – *Chlorophyceae.*
Part 2: Oct 1914 (p. 66: printed 6 Oct 1914; Nat. Nov. Feb (1,2) 1915), p. [1]-66 (separate issue 159-222) and [1-2] index specierum. – Id. 2(2). 1914. – *Phaeophyceae.*
Part 3: 1915-1920. – *Rhodophyceae.* With addenda to Chlorophyceae, Phaeophyceae and Rhodophyceae.
(1): 1-80. 12 Nov 1915. – Id. 3(1a). Jan 1915 (in journal).
(2): 81-144. 5 Oct 1916. – Id. 3(1b). Oct 1916 (in journal).
(3): 145-240. 17 Oct 1917. – Id. 3(1c). Oct 1917 (in journal).
(4): 241-304. 4 Nov 1918. – Id. 3(1d). Nov 1918 (in journal).
(5): 305-368. 29 Nov 1919. – Id. 3(1e). Nov 1919 (in journal).
(6): 369-504. 23 Oct 1920. – Id. 3(1f). Oct 1920 (in journal).
IDC *microfiche*: 5516/2 (parts 1, 2).
Consolidated reprint 1985, Koeltz Scientific Books, Königstein. *Copy*: FAS(B). – ISBN 3-87429-253-3, see Taxon 35: 628-629. 1986.
Note: The three ways in which this work was published:
(1) in the Dansk bot. Ark. 1915-1920, see above.
(2) as reprints with independent general title-page, see TL-2/588-589. – *Copies*: G, L, MO, NY.
(3) as a reprint in a single volume of the papers as published in Dansk bot. Ark.
Authorship: A few groups were dealt with by other authors:
Part 3(2), Rhizophyllidaceae and *Squamariaceae* by Mme. A. Weber-van-Bosse on p. 128-146.
Part 3(3), Melobesiae by Mme. Paul Lemoine on p. 147-182.
Part 3(4), Ceramiaceae by Henning E. Petersen on p. 241-244.

Supplement [*1*]: P. Frémy, *Cyanophycées marines* des anciennes Antilles danoises, 47 p. 1938 (n.v.).
Supplement 2: P. Frémy, *Algues d'eau douce* ... Antilles danoises, Mém. Soc. Sci. nat. math. Cherbourg 43: 37-62. 1938. – Christensen no. 52.
Ref.: Petersen, H.E., Bot. Centralbl. 108(21): 580-581. 25 Mai 1914 (rev. of part 2, Phaeophyceae). Howe, M.A., Torreya 15(3): 46-50. 15 Apr 1915 (detailed rev. of original publ.).

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Publ.: Shortly after 21 Jan 1914 (date of printing; Nat. Nov. Feb (1) 1914, Bull. Torrey bot. Club 28 Jul 1914), cover-t.p., p. [1]-20. *Copy*: L. – Preprinted or reprinted from Mindeskrift for Japetus Steenstrup no. 32, 1914. – See also Meddel. Havesselsk. 7: 25-29. 1914. – Christensen no. 53.
Ref.: Pilger, R., Bot. Jahrb. 51(Lit.). 60-61. 16 Jun 1914 (rev.).
G.H., Hedwigia 55(Beibl.) 1: (7)-(8). 12 Mai 1914 (rev.).

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Co-author: Christen Christiansen Raunkiaer (1860-1938), see TL-2/4: 590-592.
Publ.: Aug 1918 (printed 1 Aug 1918 see p. [3] of cover), cover-t.p., p. [1]-18. *Copies*: B, L. – Issued as Dansk bot. Ark. 2(9). 1918. – Also treated unter Raunkiaer, TL-2/8660. – *Mosses* determined by V.F. Brotherus, *lichens* by E. Wainio. – Christensen no. 55.

21.800. *A new moss collected in Blue Mountains Jamaica* ... Saertryk af Botanisk Tidsskrift ... 1919. Oct.
Publ.: Jun 1919 (in journal), p. [279]-280. *Copies*: B, L. – Reprinted and to be cited from Bot. Tidsskr. 36(5): 279-280. 1919. – Christensen no. 56.

21.801. *"Koral" rev eller "Alge" rev?* ... Saertryk af Naturens Verden ... 1922. Oct.
Publ.: Mai 1922 (in journal), cover (identif.), p. [155]-167. *Copy*: L. – Reprinted and to be cited from Naturens Verden 1922: 155-167. – Christensen no. 61.

21.802. *Et besøg i Jamaica's Bregneskove* ... Saertryk af Naturens Verden ... 1923. Oct.
Publ.: Jul-Aug 1923 (in journal), cover (identif.), p. [304]-315. *Copy*: B. – Reprinted and to be cited from Naturens Verden 1923: 304-315. – Christensen no. 64.

21.803. *Marine algae from Easter Island* ... Extract from The Natural history of Juan Fernandez and Easter Island ... 1924. Oct. (*Marine alg. Easter Isl.*).
Publ.: Feb 1924 (date written by author on copy L sent to Mme. Weber van Bosse), cover (identif.), p. [247]-309. *Copy*: L. – Preprint from [editor Carl Skottsberg] *The natural history of Juan Fernandez and Easter Island* 2: 247-309. 1 Apr 1924. – See TL-2/12.073.
Note: The genus *Ceramium* by Henning Eiler Petersen (1877-1946), see TL-2/4: 196. – Christensen no. 67.
Ref.: A.G., J. Bot. 62: 159. Mai 1924 (note on publ.).

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Publ.: 1928, p. [1]-11, *pl. 1* (uncol. phot.). *Copies*: L, U. – Issued as Dansk bot. Ark. 5(6), 1928. – Christensen no. 74.

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3: 1 Mai 1933 (in journal), p. 113-142, *pl. 5-9. Copy*: L. – Id. 1933(3): 113-142, *pl. 5-9*.
4: 16 Feb 1934 (in journal), p. [1]-30, *pl. 1-4* (uncol. phot.). *Copy*: L. – Id. 1934(1): 1-30, *pl. 1-4*. – Christensen no. 79.

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Ref.: Schmidt, O.G., Hedwigia 72(Beibl.) 2: (121). Oct 1932 (rev.).

21.809. On a *new genus* of the *Lophotalieae* (fam. Rhodomelaceae ... København (Levin & Munksgaard ...) 1933. Oct. (*New gen. Lophotal.*).
Publ.: 27 Mai-30 Jun 1933 (printed 27 Mai 1933, Nat. Nov. Sep 1933), cover-t.p., p. [1]-16. *Copies*: L, U. – Issued as Kgl. Danske Vidensk. Selsk., Biol. Meddel. 10(8). 1933. – Christensen no. 81.

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Publ.: 2-30 Jun 1934 (p, 72: printed 2 Jun 1934), p. [1]-72, *pl. 1-2. Copies*: L, U. – Issued as Kgl. Danske Vidensk. Selsk., Biol. Meddel. 11(6). 1934. – Arbejder fra den botaniske Have i København nr. 129. – Christensen no. 82.

21.811. *A list of marine algae from Bombay* ... København (Levin & Munksgaard ...) 1935. Oct. (*List mar. alg. Bombay*).
Publ.: 25-30 Jun 1935 (printing finished 25 Jun 1935), cover-t.p., p. [1]-64, *pl. 1-10. Copies*: L, U. – Issued as Kgl. Danske Vidensk. Selsk., Biol. Meddel. 12(2). 1935. – Arbejder fra den botaniske Have i København nr. 133. – Christensen no. 83.

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Publ.: 21 Oct 1936 (date of issue of journal), cover-t.p., p. [57]-96. *Copy*: L. – Reprinted and to be cited from Ceylon J. Sci. (A) 12(2): 57-96. 1936. – Christensen no. 85.

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Publ.: *1*: Mar 1937, J. Indian Bot. Soc. 16(1-2): 1-56, *pl. 1* (uncol. phot.). 1937.
2: Dec 1937 (read 26 Apr 1937), cover-t.p., p. [311]-357. *Copy*: L. – Reprinted and to be cited from J. Indian Bot. Soc. 16(6): 311-357. 1937.
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21.814. *Sur une collection d'Algues marines recueillies à une profondeur remarquable* près des Iles Canaries ... [Extrait de la Revue Algologique ... 1937]. Oct.
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21.815. *Two species of Scinaia* from South India ... Särtryck ur Botaniska Notiser ... Lund 1938. Oct.
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21.816. *Catenella nipae* used as food in Burma ... Extracted from The Journal of Botany ... 1938. Oct.
Publ.: Sep 1938 (in journal), p. [265]-271. *Copy*: L. – Reprinted and to be cited from J. Bot. 76: 265-271. 1938.

21.817. *Remarks on an alga in Forrskål's herbarium* ... Särtryck ur Botaniska Notiser ... Lund 1939. Oct.
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21.818. *Marine algae from the Iranian Gulf* especially from the innermost part near Bushire and the Island Kharg ... Copenhagen (Ejnar Munksgaard) 1939. Oct.
Publ.: 1939, cover-t.p., p. [i], [47]-141. *Copy*: L. – Reprinted and to be cited from Danish scientific investigations in Iran, part 1, p. 47-141. 1939. – Christensen no. 92.
Ref.: Schmidt, O.C., Hedwigia 80(Beibl.) 1: 1. 24 Jan 1942 (rev.).

Boerker, Richard Hans Douai (1887-?), American botanist, born at Brooklyn, New York, at Boys' High School, Brooklyn, N.Y., A.D. Dartmouth College, Hanover, N.H. 1909, worked as a graduate student in forestry at the University of Michigan 1909-1911, M.S. Forestry ib. 1911, also 1910-1911 forester in the U.S. Forest Service in Colorado, in California 1911-1914 engaged in forest reconnaissance, graduate student in botany and silvics at Univ. Nebraska 1914-1915, Dr. phil. 1915 (thesis 1916). (*R.H. Boerker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 209 (b. 19 Oct 1887, Brooklyn, N.Y.).

BIOFILE: Anon., Amer. men Sci. 4: 98. 1927.

21.819. *Ecological investigations* upon the germination and early *growth of forest trees* ... A thesis presented to the Faculty of the Graduate College in the University of Nebraska in partial fulfillment of requirements for the degree of doctor of Philosophy, Department of Botany ... Lincoln, Nebraska January 1, 1916. Oct. (*Ecol. invest. forest trees*).
Publ.: 1 Jan 1916 (date on cover-t.p.), cover-t.p., p. [i, t.p.], 1-89, *pl. 1-5* (uncol. phot.), [i* vita]. *Copy*: L.

***Boerlage, Jacob Gijsbert** (1849-1900), Dutch botanist, born and educated at Uithoorn, studied natural sciences at the University of Leiden 1867, Dr. phil. ib. 1875, natural history teacher 1876-1880 at the Teacher's seminary in Amsterdam and, subsequently at secondary schools in Dordrecht, curator and private lecturer at the Rijksherbarium Leiden 1881-1894, assistant director id. 1894-1896, travelled to Java 1888; assistant director of the herbarium of the Buitenzorg (Bogor) gardens 1896, died on a trip to the Moluccas 1900. (*Boerl.*).

HERBARIUM and TYPES: BO, L. – Further material at MO.

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BIOFILE: Anon., Bot. Centralbl. 84(49): 336. 28 Nov 1900 (d.); Hedwigia 39 (Beibl.) (6): 222. 1900 (d.).
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Frodin, D.G., Guide standard floras world 910.30. 1984.
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Sirks, M.J., Indisch natuuronderzoek 168, 208, 211, 216, 273. 1915.
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Stewart, R.R., Taxon 33(1): 50. 1984 (d. of fever in Ternate).
Stokvis, Verslag vergadering Akad. Amsterdam 9: 245. 1901 (d.).
Taubert, P., Bot. Zeit. 49(13): 212-213. 27 Mar 1891 (rev. of *Handl. fl. Ned. Ind.*, TL-2/594).
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Vuyck, L., Ned. kruidk. Arch. ser. 3. 2: 404-424. 1901 (obit., reprint p. [1]-11).

COMPOSITE WORKS: (1) *Icones bogorienses*, editor 1897-1900.
(2) Contributed to A.L. van Hasselt, *Bijdr. fl. Midd. Sumatra* 1884, see TL-2/2460.
(3) Introduction to *Schets. nutt. Ind. pl.* by M. Greshoff, see TL-2/2158.

21.820. *Bijdrage tot de kennis der houtanatomie.* Academisch proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde, aan de hoogeschool te Leiden, ... op Vrijdag, den 2en Juli 1875, des namiddags ten 3 ure, in het openbaar te verdedigen ... Leiden (S.C. van Doesburgh). 1875. Oct. (*Bijdr. houtanat.*).
Publ.: 2 Jul 1875 (date of defense thesis; Bot. Zeit. announced 20 Aug 1875), p. [i-xi], [1]-80. *Copy*: U.
Ref.: G.K., Bot. Zeit. 33(41): 679. 8 Oct 1875 (brief rev.).

21.821. *Bijdragen* tot de kennis der *flora* van *Midden-Sumatra*, ... Leiden (E.J. Brill) 1884. Qu. (*Bijdr. fl. Midd.-Sumatra*).
Authorship: (1) Editor and author of preface: Pieter Johannes Veth (1815-1895), editor (no botanical texts).
(2) J.G. Boerlage, junior author, text on p. 16-35.
(3) Cornelius Marinus van der Sande Lacoste (1815-1887), author of cryptogams p. 35-50
(4) Arend Ludolf van Hasselt (1848-1909), senior author, text on p. B1-42.
(5) D. de Loos, botanical fats, text on p. C1-3.
Publ.: 1884 (preface 30 Sep 1884), p. [ii-vi], [1]-50, *9 pl.*, [1]-42, [1]-3, [1]-5 (index). *Copy*: U. – Issued by P.J. Veth as *Midden-Sumatra.* Reizen en onderzoekingen der Sumatra expeditie, ... 1877-1879, vol. 4, Natural History, part 2: *Flora.*

21.822. *Révision* de quelques genres des *Araliacées* de l'*archipel indien* ... Leide [Leiden] (E.J. Brill) 1886. Oct. (*Révis. Araliac. ind.*).
Publ.: 1886 (date on preprint), cover-t.p., p. [ii of cover: identif.], [97]-128, *pl. 11-16* (uncol. liths. A.J. Kouwels). *Copies*: HH, L. – Preprinted from Ann. Jard. Bot. Buitenzorg 6: 97-128, *pl. 11-16.* 1887 (t.p. of vol. 6 is dated 1887).

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Publ.: 1887, p. [1]-5. *Copies*: L, U. – Reprinted and to be cited from Ned. kruidk. Arch. 5(1): 56-60. 1887.

21.824. *Lijst der planten* waargenomen *op Terschelling* door de leden der Nederlandsche Botanische Vereeniging, ... van 5-10 Augustus 1886 ... [Nederlandsch Kruidkundig Archief ... 1888]. Oct.

Authorship: J.G. Boerlage, Frederik Willem van Eeden (1829-1901), see TL-2/1: 725-726; Jan Willem Christiaan Goethart (1866-1938); Jan Derk Kobus (1858-1910), see TL-2/1: 587; Gustaaf Adolf Frederik Molengraaff (1860-1942); J.W. Wakker [J.H. Wakker?], Mejuffrouw J. Wouters.

Publ.: 1888, p. [1]-15. *Copy*: U. – Reprinted and to be cited from Ned. kruidk. Arch. 5(2): 103-117. 1888.

21.825. *Bibliographie der flora van Nederland* ... Overgedrukt uit de Algemeene Aardrijkskundige Bibliographie van Nederland uitgegeven door de afdeeling "Nederland" van het Nederlandsch Aardrijkskundig Genootschap. Tweede deel, Natuurkundige gesteldheid ... Leiden (E.J. Brill) 1888. Oct.

Senior author: Corneille Antoine Jean Abram Oudemans (1825-1906), see TL-2/3: 860-865.

Publ.: 1888, cover-t.p., p. [i, t.p.], [1]-36. *Copy*: L. – Reprinted and to be cited from Algemeene Aardrijkskundige Bibliographie van Nederland ... tweede deel. Natuurkundige Toestand, Leiden 1888, p. 11-45.

Reprint: 1975, in Bibliografie van de flora en fauna van Nederland 1753-1886 door J.G. Boerlage en P.P.C. Hoek ... Amsterdam (Backhuys & Meesters) 1975, p. 11-45 (facsimile). – See Taxon 24: 377. 1975.

Earlier list of publications on Dutch plants given on p.[1] as follows:

(1) C.A. Bergsma, *Lijst* der werken waarin onze *inlandsche planten* als zoodanig opgegeven en beschreven zyn. Alg. Konst- Letterbode 1834(1).(2): 23-26.

(2) F.A.W. Miquel, Iets over de *Litteratuur onzer inlandsche Flora*, ib. 1834(1).(3): 57-59, 80. – See F.A. Stafleu, F.A.W. Miquel, *Netherlands botanist*, Wentia 16: 50 (no. 5). 1966.

(3) C.A. Bergsma, *Brief aan den Redacteur* van den Konst- en Letterbode, id. 1834(8): 114-116.

(4) F.A.W. Miquel, *Brief aan den Redacteur* van den Konst- en Letterbode, id. 1834(13): 196-197.

(5) C.A. Bergsma, *Brief aan den Redacteur* van den Konst- en Letterbode, id. 1834(14): 212-215.

(6) C.A.J.A. Oudemans, *De ontwikkeling onzer kennis aangaande de flora van Nederland* uit de bronnen geschetst en kritisch toegelicht, Ned. kruidk. Arch. ser. 2. 2(3): 214-319. 1877, 3(1): 1-75. 1878, 3(3): 325-398. 1881. – See also TL-2/7146, Historical review on p. 862.

21.826. *Het geslacht Achyranthes* L. in 's Rijks Herbarium te Leiden ... Overgedrukt uit het Ned. kruidk. Arch. ... [1889]. Oct.

Publ.: 1889 (p. 11 text dated Feb 1889), p. [1]-11, *pl. 6*. *Copies*: HH, L. – Reprinted and to be cited from Ned. kruidk. Arch. ser. 2. 5(3): 420-430, *pl. 6*. 1889.

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Publ.: 1889 (mss. signed 27 Nov 1888), p. [1]-4. *Copy*: L. – Reprinted and to be cited from Ned. kruidk. Arch. ser. 2. 5(3): 520-523. 1889.

21.828. *Uitheemsche planten om Buitenzorg verwilderd* ... Handelingen 2e Ned. Nat. Geneesk. Congr. Leiden 1889. Oct.

Publ.: 1889 (text submitted 27 Apr 1889), cover (identif.), p. [1]-4. *Copies*: HH, L. – Reprinted and to be cited from Handel. 2e Ned. Natuurk. Geneesk. Congr. Leiden 146-150. 1889.

21.829. *Matériaux pour la flore de Buitenzorg* I. Leide [Leiden] (E.J. Brill) 1889. Oct.
Publ.: 1889 (Flora rd. 1 Nov 1889), cover-t.p., p. [ii of cover, identif.], [47]-78. *Copies*: L, U. – Reprinted and to be cited from Ann. J. Bot. Buitenzorg 8: 47-78. 1889.

21.830. *Aanteekeningen* omtrent de kennis der *flora van Nederlandsch-Indië* ... 2e Bijlage tot de 50. Vergadering der Ned. Bot. Vereeniging ... [1891]. Oct.
Publ.: 1891, p. [1]-16. *Copy*: L. – Reprinted and to be cited from Ned. kruidk. Arch. ser. 2. 5(4): 657-672. 1891.

21.831. *Over* de soorten van het geslacht *Erythrina* L. (dadap) in Nederlandsch Indië ... Overgedrukt uit Teysmannia ... 1892. Oct.
Publ.: 1892, cover-t.p. (identif.), p. [535]-542. *Copy*: L. – Reprinted and to be cited from Teysmannia 3(8): 535-542. 1892.

21.832. *Bijdragen tot de kennis der boomflora van Java* ... Batavia [Djakarta] (Ernst & Co.) 1893. Oct.
Co-author: Sijfert Hendrik Koorders (1863-1919), see TL-2/2: 645-648.
Publ.: *1*: 1892, Natuurk. Tijdschr. Ned. Indie 51: 361-372. 1892, Koorders sole author.
2: 1893, id. 52: 209-328. 1893, Koorders sole author.
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Publ.: 31 Mar 1894 (date on p. [1]), p. [1]-2. *Copy*: L. – Reprinted and to be cited from De Indische Mercuur 31 Maart 1894.

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Publ.: 1894, cover-t.p., p. [1]-6, *1 pl.* (uncol. lith.). *Copy*: L. – Reprinted and to be cited from M. Greshoff, *Schets. nutt. Ind. Pl.* 1(no. 10): 37-39, *1 pl.* 1894 (Nat. Nov. Aug 1895), see TL-2/1: 2158; published as Extra Bulletin Koloniaal Museum, Haarlem.

21.835. *Over een Amerikaansche aankomeling Amsinckia lycopsoides* Lehm. ... Overdruk Nederlandsch kruidkundig Archief ... [1894]. Oct.
Publ.: 1894 (read 3 Feb 1894), p. [1]-6. *Copy*: L. – Reprinted and to be cited from Ned. kruidk. Arch. ser. 2. 6(3): 439-443. 1894.

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21.837. *Een nieuwe Javaansche boomsoort* ... Batavia (G. Kolff & Co.) 1896. Oct.
Co-author: Sijfert Hendrik Koorders (1863-1919), see TL-2/2: 645-648.
Publ.: 1896 (p. 5: text closed 31 Mar 1896), cover-t.p., p. [1]-5, [6, expl. *pl.*], *pl. 1-2*. *Copy*: L. – Reprinted and to be cited from Tijdschr. Kon. Natuurk. Ver. Ned.-Ind. 56: 185-189. 1896. – *Fraxinus Eedenii.*

21.838. De *Mangirboom van Java*. Ganophyllum falcatum Bl. ... [Batavia, Weltevreden en 's Gravenhage (uitgave van G. Kolff & Co.) 1896]. Oct.
Co-author: Sijfert Hendrik Koorders (1863-1919), see TL-2/2: 645-648.

Publ.: 1896, cover (identif.), p. [485]-487. *Copy*: L. – Reprinted and to be cited from Teysmannia 7: 485-487. 1896.

21.839. *Énumeration des végétaux producteurs de Caoutchouc* et de Getah-pertja recoltées par le Dr. P. van Romburgh dans les îles de Sumatra, Borneo, Riouw et Java ... [s'Lands Plantentuin. Bulletin de l'Institut botanique de Buitenzorg ... Buitenzorg (Imprimerie de l'Institut)] 1900. Oct.

Publ.: Jul-Dec 1900 (p. 3 signed 11 Jun 1900), p. [1]-29. *Copy*: U. – Published in and to be cited from Bull. Inst. bot. Buitenzorg 5: 1-29. 1900 (no reprint seen). Last publication, the author died on Ternate, on a botanical trip, on 25 Aug 1900.

***Börner, Carl Julius Bernhard** (1880-1953), German (Bremen born) zoologist and botanist, from 1901 on employed by the [Kaiserlichen] Biologischen Anstalt für Land- und Forstwirtschaft at Dahlem-Berlin, stationed at institute of the branch office at St. Julien near Metz, Lotharingen up to 1914, later idem at Naumburg, mainly working on viniculture and phytopathology, published on Arthropoda s.l. as well as on botany. (*Börner*).

HERBARIUM and TYPES: Unknown.

NOTE: We have no information on Bernhard Börner, who took his Dr. phil. at the University of Erlangen in 1892: *Über die Bestandtheile der Blüthen von Arnica montana*, Oct., 15 p. (Bot. Zeit. 51(II): 174. 1 Jun 1893.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 209 (b. 28 Mai 1880, Bremen); BM 6: 102; Hortus 3: 1189; NAF 28 B(2): 320; TL-2/1: 252 and see indexes; Zander ed. 10, p. 638, ed. 11, p. 725.

BIOFILE: Amsel, H.G., Z. Wien. entom. Ges. 39: 152-166. 1954 (obit., portr.).
Gilbert, P., Comp. biogr. lit. deceased entomolog. 38-39. 1977 (further biogr. refs. especially in zoological literature, 19 nos. q.v.).
Gollmick, Z., Pfl.-Krankh. Pfl.-Path.-Schr. 61: 587-591. 1954 (obit., portr.).
Horn, W., Entom. Mitt. 17: 202-203. 1928.
Laux, W., Englera 7: 77. 1987 (mentions his work on aphids).
Sachtleben, H., and C. Börner, Beitr. Entom. 4: 189-207. 1954 (bibl.).
Schmid, B. and C. Thesing, Biologen-Kalender 1: 170. 1914 (b. Bremen 28 Mai 1880).
Speyer, W., Z. angew. Entom. 43: 208-225. 1958 (bibl.).
Verdoorn, F., Chron. bot. 2: 144a, 161b. 1936, 3: 141b. 1937 (with Biol. Reichsanstalt Land-Forstwirtschaft, Zweig Naumburg Saale, viniculture).

COMPOSITE WORKS: (1) Börner contributed to P.C.M. Sorauer, *Handb. Pfl.-Krankh.* 5, 1928-1932, *Tierische Schädlinge an Nutzpflanzen*, see TL-2/12.459.

21.840. Eine *Flora für das deutsche Volk* ... Ein Hilfsbuch zum Bestimmen der heimischen Pflanzen ohne botanische Vorkenntnisse ... Leipzig (R. Voigtländer's Verlag) [1912]. Oct. (*Fl. deut. Volk*).

Co-author: ("Mit Unterstützung von") Leo Lange (b. 1880) and P. Dobe (artist of the 12 plates).

Publ.: Jun-Jul 1912 (date on p. ii; preface dated Mai 1912; Nat. Nov. Aug (1) 1912, Bot. Centralbl. 27 Aug 1912), p. [i]-vii, [viii], [1]-864, *pl. 1-12* (6 uncol., 6 col.). *Copies*: B, FAS(B), L. – Plates by P. Dobe "die sich dem Auge durch ihre Eigenart sofort tief einprägen".

Ed. 2: 1917 (n.v.), fide Nat. Nov. 39 (Jul 1,2). 1917, same pagination formula: "Neue Titelausgabe" Leipzig 1917.

Note: Amended version of TL-2/597.

Ref.: Kanitz, A., Allg. bot. Z. 18: 162-163. 30 Dec 1912 (rev.).
Janchen, E., ÖBZ 64: 59-60. 1 Feb 1914 (rev., "Ein durchaus orginell gearbeitetes Buch").
Klemke, H., Bot. Centralbl. 140(25): 393-394. 24 Jun 1919 (rev. of the re-issue of 1917).

21.841. *Botanisch-systematische Notizen* ... Bremen (Vereinigte Druckereien Illing & Lüken) 1912. Oct.
Publ.: Mai-Aug 1912 (p. 282 signed Apr 1911; printer's mark on sheets Apr 1912, Allg. bot. Z. 15 Feb 1913), cover-t.p., p. [245]-282. *Copies*: B, U. – Reprinted and to be cited from Abh. Naturw. Ver. Bremen 21(2): 245-282. 1912.

21.842. *Die natürliche Schöpfungsgeschichte als Tokontologie.* Ein Entwurf ... Leipzig (Verlag von Theodor Weicher) 1923. Oct. (*Nat. Schöpf.-Gesch. Tokontol.*).
Publ.: 1923 (preface dated 30 Jul 1923), cover-t.p., p. [1]-159, *10 pl. Copy*: U.

Bötticher, Friedrich Robert Wilhelm ["Willy"] (1869-?), German pharmacist, born at Spremberg in Limburg as son of a pharmacist, educated at the Königliche Gymnasium in Dresden-Neustadt 1879-1886, pharmaceutical primary education 1886-1892, studied at the University of Erlangen 1892-1894, Dr. phil. Friedrich-Alexanders-Universität Erlangen 1895. (*Bötticher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 209 (b. 3 Jul 1869, Spremberg).

21.843. *Beiträge zur vergleichenden Anatonie der Gentianaceen*, Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Friedrich-Alexanders-Universität Erlangen ... Erlangen (K. b. Hofbuchdruckerei von Aug. Vollrath) 1895. Oct. (*Beitr. vergl. Anat. Gentian.*).
Publ.: 22 Mai 1895 (date of defense thesis), p. [1]-61, [62-64]. *Copy*: GOET(NSUB).

Boeuf, F. (fl. 1907-1936), French botanist, Chef de la Station expérimentale agricole de l'École coloniale d'agriculture, Tunis. (*Boeuf*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 209; Kew 1: 281.

21.844. *Cultures* expérimentales de sortes pures de *céréales*. Observations sur la stabilité et la variabilité de leurs caractères ... Quatrième Conférence Internationale de Génétique Paris, du 18 au 23 Septembre 1911. Oct.
Publ.: Oct 1911 (date of receipt by Lotsy, Leiden Oct 1911), p. [1]-8. *Copy*: L. – Probably reprinted from the texts of the Quatrieme Conférence Genétique 1911 (n.v.).

21.845. Les bases scientifiques de l'*amélioration des plantes*. [Biologie - Génétique - Écologie - Biométrie - Statistique ... Paris (Paul Lechevalier ...)] 1936. Oct. (*Amélior. pl.*).
Publ.: [Jan] 1936 (p. 3 signed 1 Nov 1934, "achevé d'imprimer le 9 Décembre 1935", but date on t.p. 1936), cover-t.p., p. [i-iv], [1]-543, [544]. *Copy*: G. – Issued in series Encyclopédie Biologique.
Ref.: R.R.G., J. Bot. 74: 151. Mai 1936 (rev.).

Bogdanow, Modest [Nikolaevich] (1841-1888), Russian zoologist and botanist. (*M. Bogdanow*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 187; CSP 9: 280; TR no. 144.

21.846. *Uebersicht der Reisen und naturhistorischen Untersuchungen im Aralo-Kaspi-Gebiet* seit dem Jahre 1720 bis zum Jahre 1874 ... St. Petersburg (Buchdruckerei von Röttger und Schneider, ...) 1876. Oct.
Publ.: 14 Mar 1876 (date reprint/preprint; on p. [ii]), p. [i-ii], [1]-51. *Copy*: G. – Reprinted from Russ. Revue 8: 145-159, 440-459, 558-576. 1876.

***Bogenhard, Carl** (1811-1853[?]), German botanist and pharmacist, born at Magdala nr. Jena, Thüringen, pharmacist in Sobernheim ca. 1840, lived in Jena and Rudolfstadt 1844-1852, emigrated to the United States 1852, died in New York City 1853[?]. (*Bogenh.*).

HERBARIUM and TYPES: Had a herbarium and library in Magdala; both lost in a fire. – Some orchids in W, further material in PH.

BIBLIOGRAPHY and BIOGRAPHY: ADB 6(1): 677 (see TL-2/1: 252); Barnhart 1: 210 (letters in Torrey corr., d. about 1853); BM 1: 186; CSP 1: 453; IH 2: 82; Kew 1: 282; Lenley p. 448 (letters to Torrey 6 Aug 1852-6 Jun 1853); PR 936; Rehder 1: 382-383; TL-2/1: 252-253 and see M.J. Schleiden; Zander ed. 10, p. 636, ed. 11, p. 723.

BIOFILE: Anon., Bot. Zeit. 10(18): 318. 30 Apr 1852 (to North America; had a herbarium and library which he lost by fire).
Drude, O., Hercyn. Florenbezirk (Veget. Erde 6): 8, 12, 14. 1902.
Frey, Flora 35(39): 613-621. 1852 (detailed rev. of his *Taschenb. Fl. Jena*).
Hallier, E., Deut. bot. Monatschr. 3: 116-119, 168-172, 188-190. 1885 (excerpts from his letters to Schleiden).
Ilg, G., Hoppea 42: 310. 1984 ("Apotheker in Sobernheim", member Regensb. bot. Ges. 1840).
Irmisch, Th., Bot. Zeit. 9(3) (Beil.): 49-42. 17 Jan, 9(4) (id.): 66-70. 24 Jan, 9(5) (id.): 87-92. 31 Jan, 9(6) (id.): 103-109. 7 Feb 1851 (detailed rev. of *Taschenb. Fl. Jena*).
Mägdefrau, K., Gesch. Bot. 280. 1973.
Renner, O., Jenaische Zeitschrift 78: 147. 1947 (on his *Taschenb. Fl. Jena*).
Wirtgen, Ph., Flora 24: 331-332, 334. 1841 (cand. Pharm. Sobernheim, member Bot. Ver. Mitt. Niederrhein), 25: 394, 396, 399. 1842.

COMPOSITE WORKS: (1) Contributed to P.W. Wirtgen, *Prodr. Fl. preuss. Rheinlande* 1842, see TL-2/18.037.

Boggiani, [Colonel] **Oliviero** (1859-1933), Italian soldier, alpinist and botanist, captain of the "Alpini", on active duty in World War I, colonel 1919-1920, in retirement in Torino. (*Boggiani*).

HERBARIUM and TYPES: FI, further material at GE, LAU. – *Exsiccatae*: *Flora Verbona-Lepontica* cent. 1, 1912.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 210 (b. 1 Feb 1859, Novara, d. 6 Oct 1933, Tripoli); BL 2: 374; IH 2: 82; Saccardo 2: 119.

BIOFILE: Béguinot, A., Archivio bot., Forli 11: 101-102. 1935 (obit.; d. at Tripoli 6 Oct 1933).
Burnat, É., Boissiera 5: 22-23. 1941 (note on herb. and *Flora delle Terme*).
Chiovenda, E., Nuovo Giorn. bot. Ital. ser. 2. 31: 281-282. Oct 1924 (exsicc. cent. 1, brief notice).
Steinberg, C.H., Webbia 34: 62. 1979 (entire herbarium at FI).

COMPOSITE WORKS: (1) *La flora* delle terme *di Valdieri*. Note di topografia botanica, *in* B. Marchisio, *Guida alle terme di Valdieri*, Torino (Vincenzo Bona ...) 1898. Oct., on p. [145]-267. *Copy*: G. – Annotated list of 683 vasc. pl.; Blake 2: 374 cites this "flora" from Arch. Bot., Forli 11: 301. 1935. – The reprint was announced in Bot. Zeit. 16 Nov 1898, Nat. Nov. Oct (1) 1898.

Bogue, Ernest Everett (1864-1907), American (Orwell, Ohio born) botanist, horticulturist and forester, educated at New Lyme Institute (grad. 1888), at Ohio State University 1888-1894, Bachelor of Science in Horticulture and Forestry 1894, Master of Science in entomology and botany 1896, at the State Agricultural College Oklahoma 1896-1900, graduate work at Harvard University 1901-1902, Master of Arts ib. 1902, professor of forestry in Michigan Agricultural College 1902-1907. (*Bogue*).

HERBARIUM and TYPES: MICH, NY, OS.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 23; Barnhart 1: 1: 210 (b. 12 Jan 1864, d. 19 Aug 1907); BL 1: 208; GR p. 205; LS 3193; Rehder 5(index): xviii; Tucker 1: 91.

BIOFILE: Beal, W.J., Bryologist 12(4): 61. 1909 (taken from 10th Rep., Mich. Acad. Sci., Ann Arbor, 1908; obit.).

21.847. An annotated *catalog of the ferns and flowering plants of Oklahoma* ... Bull. Oklahoma Agr. Experim. Sta. ... 1900. Oct. (*Catal. pl. Oklahoma*).
Publ.: 1900, p. [1]-48. *Copy*: HH. – Issued as Bull. Oklahoma Agric. Exp. Station no. 45.

21.848. The *Lichen genus Physcia* ... Fifth Annual Report of the Michigan Academy of Science ... Lansing, Michigan (Robert Smith Printing Co., ...) 1904. Oct.
Publ.: 1904, Ann. Rep. Mich. Acad. Sci. 5: 170-171. 1904 (no reprint seen).

***Bohler, John** (1797-1872), British botanist (medicinal plants and lichens), stocking weaver, collected medicinal plants for physicians, born S. Wingfield, Derbyshire, resident mainly in Sheffield. (*Bohler*).

HERBARIUM and TYPES: BIRA. – Exsiccatae: *Lichenes britannici* or, specimens of the Lichens of Britain in monthly fasciculi with descriptions and occasional remarks, Sheffield (Ridge), 16 fasc., 128 nos., as follows (fide G. Sayre 1969):

Fasc.	numbers	dates	Fasc.	numbers	dates
1	1-8	Jun 1835	9	65-72	Feb 1836
2	9-16	Jul 1835	10	73-80	Mar 1836
3	17-24	Aug 1835	11	81-88	Apr 1836
4	25-32	Sep 1835	12	89-96	Jun 1836
5	33-40	Oct 1835	13	97-104	Aug 1836
6	41-48	Nov 1835	14	105-112	Oct 1836
7	49-56	Dec 1835	15	113-120	Feb 1837
8	57-64	Jan 1836	16	121-128	Oct 1837

Sets at BM, FH, M, NY, OXF (4 fasc.), UPS.
Ref.: Sayre, G., Mem. New York bot. Gard. 19(1): 115-116. 30 Jun 1969.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 210; BB p. 37; BL 2: 262; BM 1: 188; Desmond p. 73 (further references, b. 31 Dec 1797, d. 24 Sep 1872); DNB 5: 304; GR p. 390; IH 2: 82; Jackson p. 243, 262; Kew 1: 283; LS 3194; PR 937, ed. 1: 1053; SBC p. 116; TL-2/1: 253.

BIOFILE: Blackwell, E.M., The Naturalist 877: 54. 1961.
Hawksworth, D.L. and M.R.D. Seaward, Lichenology British Isles 1568-1975. 12, 58, 197, 203. 1977.
Lynge, B., Nyt Mag. Naturvid. Oslo 51(2/3): 102. 1913 (exsicc.).
Sayre, G., Mem. New York bot. Gard. 19(1): 115-116. 1969 (exsicc.).
Spalding, Sorby Record 2(2): 32. 1966 (n.v.).
Trimen, H., J. Bot. 10: 384. 1872.

COMPOSITE WORKS: (1) *A flora of Roche Abbey, in* Aveling, *History of Roche Abbey*, London 1870 (n.v.). – See Blackwell, E.M. (1961).
(2) *The flora of Sherwood Forest, in* Rob. White, Worksop, *The Dukery and Sherwood Forest*, Worksop 1875, p. 303-326 (fide BL 2: 262). – Has a sketch of Bohler's life.

***Bohlin, Knut Harald** (1869-1956), Swedish botanist (phycologist), educated at Södermalms secondary grammar school in Stockholm until 1887, studied at the University of Uppsala, fil. kand. 1892, fil. lic. 1898, fil. dr. 1901, lecturer in botany at a college at Stockholm 1901, lector in natural history and chemistry at Södermalms sec. gramm. school 1901-1914, rector of a school in Stockholm from 1914. (*Bohlin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 210; BM 1: 188, 6: 104; De Toni 4: vi; Kew 1: 283; KR p. 92-93 (19 titles; b. 31 Aug 1869, Stockholm); NAF ser. 2. 8: 45; Nordstedt p. 9, suppl. p. 4; Rehder 1: 219; TL-2/1: 253 and see indexes.

BIOFILE: Fries, R.E., Short hist. bot. Sweden 60. 1950.
VanLandingham, S.L., Cat. Diat. 6: 3511. 1978.
Wittrock, V.B., Acta Horti Berg. 3(2): 3a. 1903, 3(3): 7, *pl. 106*. 1905 (portr.).

21.849. *Myxochaeta* ett nytt slägte bland sötvattensalgerna ... Stockholm (Kongl. Boktryckeriet P.A. Nordstedt & Söner) 1890. Oct. (*Myxochaete*).
Publ.: 1890 (read 13 Nov 1889), p. [1]-7, *1 pl.* (uncol. lith. auct.). *Copies*: B, L, U; IDC 7670/244. – Issued as Bih. K. Sv. Vet.-Akad. Handl. 15(Afd. III), no. 4. – KR no. 1. – *Myxochaeta*, see ING 2: 1141. 1979.

21.850. *Studier öfver* några slägten af *Alggruppen Confervales* Borzi ... Stockholm (Kungl. Boktryckeriet P.A. Nordstedt & Söner). Oct. (*Stud. Alggrupp. Conferv.*).
Publ.: 1897 (read 13 Jan 1897), p. [1]-56, *pl. 1-2* (uncol. liths. auct.). *Copies*: L, U; IDC 7670/417-418. – Issued as Bih. K. Sv. Vet.-Akad. Handl. 23(Afd. III), no. 3. – Also as Meddel. Stockh. Högskola no. 160. – KR no. 4.
Högskola reprint: 1897, cover-t.p. ("Medd. Stockh. Högskola n:o. 160" as main identification, [3]-56, *pl. 1-2*. 1897. *Copy*: B.

21.851. *Die Algen der ersten Regnell'schen Expedition* I. *Protococcoideen* ... Stockholm (Kungl. Boktryckeriet P.A. Nordstedt & Söner) 1897. Oct. (*Alg. Regnell. Exp. Protococc.*).
Publ.: *1*: 1897 (read 10 Mar 1897), p. [1]-47, *pl. 1-2* (uncol. liths. auct.). *Copies*: U; IDC 7670/419-420. – Issued as Bih. K. Sv. Vet.-Akad. Handl. 23 (Afd. III) no. 7. – Also as Meddel. Stockh. Högskola no. 162. – KR no. 5.
2-3: see O.F. Borge, KR no. 15 (Nat. Nov. Oct 1903, Nov 1903).

21.852. *Zur Morphologie und Biologie einzelliger Algen.* (Vorläufige Mitteilung) ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... 1897. Oct.
Publ.: Nov-Dec 1897 (read 10 Nov 1897; Nat. Nov. Feb (2) 1898), p. 507-529. *Copy*: L. – Reprinted and to be cited from K. Vet.-Akad. Förh. Stockholm 1897(9): 507-529. – Also as Meddel. Stockh. Högskola no. 168. – KR no. 6.
Högskola issue: Nov-Dec 1897 (read 10 Nov 1897), cover-t.p., p. [1]-25. *Copies*: B, G. – Reprinted as above but with independent pagination and cover "Meddelanden från Stockholms Högskola no. 168".

21.853. *Utkast* till de *gröna algernas* och arkegoniaternas *fylogeni.* Akademisk Afhandling som med tillstånd af vidtberömda Filosofiska Fakultetens i Upsala matematisk-naturvetenskapliga sektion för vinnande af filosofiska doktorsgrad till offentlig granskning framställes ... Å lärosalen n:o XI Lördagen den 11 Mai kl. 10 f.m. Upsala (Almqvist & Wiksells Boktryckeri-A.-B.) 1901. Oct. (*Utk. gröna alg. fylog.*).
Publ.: *Thesis issue*: 11 Mai 1901 (date of defense thesis), cover-t.p., p. [i, thesis t.p.], [1]-43, chart, loose p. i-iv (German summary). *Copies*: BR, L, MO. – KR no. 12.
Commercial issue: 11 Mai 1901 or later, cover-t.p., p. [i, t.p.], p. [1]-43, *1 pl. Copies*: B, L.
Ref.: Anon., Hedwigia 40 (Beibl.) (5): (136)-(138). 20 Oct 1901 (rev.).
Senn, G.A., Bot. Zeit. 59(Abt. II): 234-236. 1 Aug 1901 (rev.).

21.854. *Étude* sur la *flore algologique* d'eau douce des *Açores* ... Stockholm (Kungl. Boktryckeriet P.A. Nordstedt & Söner) 1901. Oct. (*Étude fl. alg. Açores*).

Publ.: 1901 (read 13 Mar 1901; Nat. Nov. Oct (2) 1901), p. [1]-85, *1 pl.* (uncol. lith. auct.). *Copies*: B, U; IDC 7670/516-517. – Issued as Bih. K. Sv. Vet.-Akad. Handl. 27 (Afd. III) no. 4. – Also as Meddel. Stockh. Högskola no. 212. – KR no. 13.
Note: On t.p.: "Revisée par V. Wittrock et A.G. Nathorst".

Bohnhof, Ernst (fl. 1886-1895), French (German?) writer on orchids. (*Bohnhof*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 210; BM 1: 188; Kew 1: 283; Rehder 4: 357; Saelan p. 35; Tucker 1: 91.

21.855. *Dictionnaire des Orchidées hybrides* comprenant la liste de tous les hybrides artificiels et naturels connus au 1er janvier 1895 le nom de leur obtenteur ou introducteur la date de leur apparition. Ainsi que des clés établissant pour chaque espèce tous les semis obtenus et leurs synonymes ... Paris (Octave Doin, éditeur ...) 1895. Duod. (*Dict. Orch. hybr.*).
Publ.: Apr-Jul 1895 (p. ix signed Mar 1895, Nat. Nov. Sep (1) 1895, Bot. Zeit. 1 Nov 1895), p. [i-xi], [1]-139, [140 colophon]. *Copies*: G, MO.

***Bohnstedt, Alexander Reinhold** (1839-1903), German (Bitterfeld, Saxony-Anhalt born) botanist and highschool teacher, studied mathematics and natural sciences at the University of Halle, private teacher, assistant teacher at Landsberg-Warthe 1864-1871, on active service 1870-1871, teacher at the gymnasium of Luckau, Brandenburg 1871-1903, associate of Paul Ascherson in botanizing in Brandenburg, 1889 senior teacher ("Oberlehrer") with the title of professor. (*Bohnst.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 210 (d. 10 Apr 1903); BFM 218; BM 1: 188; Rehder 1: 532; TL-2/1: 253-254; Tucker 1: 91.

BIOFILE: Eckardt, Th., Willdenowia 4(1): 1-21. 1965 (biogr., bibl. of smaller publications; sources for research).
Illig, H., Verh. bot. Ver. Prov. Brandenburg 106: 7-21. 1969 (biogr.); undated mss. brief biography in B (b. 14 Aug 1839, d. 9 Apr 1903); Biol. Stud. Kreis Luckau 11: 70-71. 1982.
Volkens, G.L.A., Verh. bot. Ver. Prov. Brandenburg 51: (86). 1910 (d. 10 Apr 1903, professor at Luckau).

NOTE on *Flora luccaviensis* 1882, TL-2/160: brief review by Egon Ihne, Bot. Centralbl. 12(47): 270-271. 13-17 Nov 1882; mentioned as received by Bot. Zeit. 30 Jun 1882.

Bohny, Paul (fl. 1906), Swiss (Basel born) pharmacist, studied at the University of Zürich, Dr. phil. ib. 1906. (*Bohny*).

HERBARIUM and TYPES: Unknown.

NOTE: We have no further information on this author.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 283.

21.856. *Beiträge* zur *Kenntnis des Digitalisblattes* und seiner Verfälschungen mit Berücksichtigung des Pulvers. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Hohen Philosophischen Fakultät (mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Basel (Buchdruckeriei Emil Birkhäuser) 1906. Oct. (*Beitr. Kenntn. Digital.-Bl.*).
Publ.: Jan-Mai 1906 (Nat. Nov. Jul (2) 1906), p. [i, iii, v], [1]-61, [62], *pl. 1* (uncol.). *Copy*: G.

Boireau, Aurélien (fl. 1874), French (born at Salles, Gironde) pharmacist, studied at the École supérieure de pharmacie de Paris, Pharmacien de 1re classe 1874. (*Boireau*).

HERBARIUM and TYPES: Unknown.

NOTE: We have no further information on this author.

21.857. École supérieure de pharmacie de Paris. *Essai sur le Pin des Landes* et ses produits. Thèse présentée et soutenue à l'école supérieure de pharmacie le 10 août 1874, pour obtenir le titre de pharmacien de 1re classe, ... Paris (A. Derenne, ...) 1874. Qu. (*Essai Pin Landes*). *Publ.*: 10 Aug 1874 (date of defense thesis), p. [1]-79. *Copy*: G.

***Bois, Désiré [Georges Jean Marie]** (1856-1946), French horticulturist, employed 1872 as apprentice gardener at the Muséum d'Histoire naturelle, Paris, "préparateur" in botany 1879, assistant for cultivation 1886, id. professor 1920, honorary professor 1933, sometime editor of the Bulletin de la Société d'Horticulture de France 1895-1921, published numerous horticultural treatises, collected in Indo-China 1902-1903, visited Buitenzorg (Bogor) 1903, ultimately living in Saint Mondé. (*Bois*).

HERBARIUM and TYPES: P (main coll.), further material at AMES, HH. – Collected 1204 numbers on his trip to Indo-China; collected also on Java 1903.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 738; Barnhart 1: 211 (b. 9 Oct 1856, Granville, Manche); BFM 2909; BL 1: 5, 35, 2: 7, 138, 178; BM 1: 188; CSP 13: 652; Hortus 3: 1188; Kew 1: 284; Langman p. 145; Lenley p. 34; LS 6009, 31.288-31.289; LS suppl. 3067; Morren ed. 10, p. 54; MW p. 46; MW suppl. p. 26; NI 187; Plesch 147; Rehder 5(index): 95-96; SK 1: 69-70; TL-2/1: 254 and see indexes; Tucker 1: 91-92, 167; Zander ed. 10, p. 636, ed. 11, p. 723.

BIOFILE: Anon., Bull. Soc. bot. France 26(Bibl.): 94. 1879 (appointed "préparateur").
Chiovenda, E., Nuovo Giorn. bot. Ital. ser. 2. 31: 282. 1934.
Dammerman, K.W., Ann. Jard. Bot. Buitenzorg 45(1): 28. 1935 (visit Botanical Garden Buitenzorg and Visitor's Laboratory ib.).
Guillaumin, A., Bull. Soc. bot. France 93: 115-118. 1946 (obit., portr, d. 2 Jan 1946, Saint Mondé).
Lecomte, H., Fl. gen. Indochine, Prélim. vol. 35. 1944.
Reed, C.F., Bibl. fl. S.E. Asia 15. 1969.
Vilmorin, R., Bull. Soc. nat. Acclim., Paris 92: 124-125. 1945.

COMPOSITE WORKS: (1) Co-author with Auguste Pailleux, *Le potager d'un curieux* 1885, see TL-2/7190.
(2) Co-author with Maurice de Vilmorin, *Fruticetum vilmorinianum* 1904, see TL-2/16.195. – Additional copy seen: U.
(3) *Les produits coloniaux*. Origine, production, commerce ... 1912. Oct. See under Capus.
(4) Junior co-author of S. Costantin, *La végétation du Sud-ouest de Madagascar* ... Orléans 1907. Oct. See under S. Costantin.

21.858. Les *Orchidées* manuel de l'amateur ... Caractères botaniques. Distribution géographique. Les Orchidées ornementales. La Vanille et les Orchidées utiles. Culture des Orchidées. – Serres à Orchidées. Multiplication des Orchidées. Orchidées hybrides ... Paris (Librairie J.-B. Baillière et fils ...) 1893. Duod. (*Orchidées*).
Publ.: Mar-Apr 1893 (date on adv. p. 1: Feb 1893; p. vi: preface dated 20 Jan 1893; Bull. Soc. bot. France rd. 23 Jun 1893, Nat. Nov. Mai (1) 1893), p. [i]-viii. [1]-323, [1]-8, [9-14, adv.]. *Copies*: G, L.
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Préface: Maxime Cornu.
Collaborators: Ed. André, Ch. Baltet, F. Cayeux, H. Correvon, J. Duveau, Dr. Delacroix, A. Finet, J. Gérome, A.Ch. Girard, A. Godefroy, C. Grosdemange, A. Guion, P. Hariot, L. Henry, Em. Laurent, P. Mouillefert, J. Nanot, A. Pavard, E. Pynaert, E. Roze, P. Tertrin, Dr. Trouessart, Dr. Weber, etc.
Illustrators: H. Gillet, A. Jobin, L. Planet.
Publ.: *1*: 1893-1897, cover-t.p., p. [i-ii], [1]-640.
2: 1897-1899, cover-t.p., p. 641-1227, [1228, errata], *pl. 1-6*.
Copy: MO.

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(*2*): 33-64, Mai 1893.
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(*4*): 97-128. Jul 1893.
(*5*): 129-160. Aug 1893.
(*6*): 161-192. Sep 1893.
(*7*): 193-224. Nov 1893.
(*8*): 225-256. Feb 1894.
(*9-12*): 257-384. Mar 1894-Feb 1895.
(*13-14*): 385-448. Mar 1895-29 Jul 1896.
(*15*): 449-480. Oct 1896.
(*16*): 481-512. Nov 1896.
(*17*): 513-544. Dec 1896.
(*18*): 545-576. Jan 1897.
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(*20*): 609-640. Mar 1897.
2(*21*): 641-672. Apr 1897.
(*22*): 673-704. Jun 1897.
(*23*): 705-736. Aug 1897.
(*24*): 737-768. Oct 1897.
(*25*): 769-800. Nov 1897.
(*26*): 801-832. Jan 1898.
(*27*): 833-864. Mar 1898.
(*28*): 865-896. Apr 1898.
(*29*): 897-928. Mai 1898.
(*30*): 929-960. Jul 1898.
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(*32*): 993-1024. Sep 1898.
(*33*): 1025-1056. Oct 1898.
(*34*): 1057-1088. Nov 1898.

Dates of p. 1089-1228 not known: 1898-1899. – These data were given by D. Bois in a letter now inserted in copy MO. – The last instalment (precise contents not known) was issued Jul 1899. The instalments 1-37 were planned for each 32 text pages, nos. 38-40 each 16 pages.

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Publ.: Mar 1900 (date on t.p.), p. [1]-49, [50-52]. *Copies*: B, MO. – Reprinted and to be cited from J. Soc. Hort. France ser. 4. 1(4): 186-232. 1900.

21.861. *L'ousounifing* (Plectranthus coppini Max. Cornu), Labiée à tubercule comestible ... Extrait du Bulletin de la Société botanique de France ... 1901. Oct.
Publ.: Sep 1901 (fide Leussink, Taxon 37(1): 48. 1988), p. [107]-110. *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 48(3-4): 107-110. 1901.

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21.863. *Tableau synoptique* des principaux genres *d'Orchidées cultivées* ... Paris (Imprimerie de la Cour d'Appel ...) 1902. Oct.
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21.865. Contribution à l'étude de *l'Oligostemon pictus* Benth. ... [Extrait du Journal de Botanique ... 1903]. Oct.
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21.866. *Voyage en Indo-Chine et à Java* ... Extrait du Muséum d'Histoire naturelle ... 1903. Oct.
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21.868. Une *nouvelle plante potagère*. L'Ansérine amarante (Chenopodium amaranticolor) ... Paris (Au Siège social ...) 1909. Oct.
Publ.: Feb 1909 (date on p. [1]), cover-t.p., p. [1]-5. *Copy*: L. – Reprinted and to be cited from Bull. Soc. natl. Acclim. France 56 (1909) (n.v.).

21.869. *Les végétaux* leur rôle dans la vie quotidienne. 10 Conferences ... Paris (Pierre Roger et Cie Éditeurs ...) 1909. Oct. (*Végétaux*).
Co-author: ["G"] Émile Jules Arthur Gadeceau (1845-1928).
Publ.: 1909, p. [i*, iii*], [i]-viii, [1]-370. *Copy*: MO.

21.870. *L'Ansérine amarante* (Chenopodium amaranticolor). Expériences de culture faites en 1909 ... Paris (au Siège social ...) 1910. Oct.
Publ.: Mar-Apr 1910 (date on p. [1]), cover-t.p., p. [1]-12. *Copy*: L. – Reprinted and to be cited from Bull. Soc. natl. Acclim. France 57 (1910) (n.v.).

21.871. *Les plantes alimentaires* chez tous les peuples et à travers les âges. Histoire, utilisation, culture ... Paris (Paul Lechevalier) 1927-1937. 4 vols. Oct. (*Pl. aliment.*).
Publ.: *1* (*Phanérogames légumières*): Mai-Jun 1927 (printing finished 8 Mai 1927; Nat. Nov. Jul 1927), p. [1]-593, [595 date of printing].
2 (*Phanérogames fruitières*): Dec 1928 (id. 25 Nov 1928; Nat. Nov. Mar 1929), p. [1]-637, [638, err., 639 date of printing].
3 (*Plantes à épices*): 1934 (id. 24 Dec 1934), p. [i- iii], [1]-289, [291, date of printing].
4 (*Les plantes à boissons*): 1937 (id. 15 Apr 1937), p. [i-iii], [1]-600, [601, corr.; 602 date of printing].
Copies: MO, U. – See Plesch no. 147.

***Boisduval, Jean [Baptiste] Antoine [Déchaffour] de** (1801 [1799?]-1879), French physician, entomologist (Lepidopterist) and botanist, one of the founders of the Société entomologique de France, practiced in Rouen and Paris, Dr. méd. 1828, later dedicating himself mainly to entomology. (*Boisd.*).

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***Boissier, Pierre-Edmond** (1810-1885), Swiss botanist and traveller, Geneva born, educated at home with a private teacher (J.L. Vallette), studied at the Académie [University] de Genève, student with Auguste-Pyramus de Candolle, studied in Paris 1831-1832 with J. Gay and Ph.-Barker Webb, travelled and botanized in Italy 1833, idem in Spain 1837, in S.E. Europe 1842, in Egypt, Arabia petraea, Palestine and Syria 1846, in Algeria 1849, in Norway 1861, built up a large herbarium, later called Herbier Boissier. (*Boiss.*).

HERBARIUM and TYPES: G. – Further material at AK, AWH, B, BERN, BM, BORD, BP, BR, C, CAS, CGE, CN, DBN, E, F, FI, GE, GOET, H, HAL, JE, K, KIEL, L, LAU, LE, LY, LZ, M, MA, MANCH, MICH, MO, NY, OXF, P, P-CO, PH, PI, TCD, TO, W, WB, WAG.

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(2) Id. *Labiatae*, *in* id. 12, 1848.
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(7) With F. Buhse (q.v., in suppl. TL-2), *Aufzaehlung der auf einer Reise durch Transkaukasien und Persien gesammelten Pflanzen in Gemeinschaft* 1860, Boissier mainly collector.

CORRECTION: TL-2/605, *Voy. bot. Espagne* (1): Vol. 2 starts with fascicle 2 (not with fasc. 17).
(2): fasc. 22 of vol. 2 has plates 4a and 85a (not 185a).
(3): Vol. 1 carries the title *Première partie*, vol. 2: *Seconde partie* (see Baum, Taxon 17: 720-724).

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MANUSCRIPTS: G. – Further material: a) letters to Hohenacker and Keck at UPS-UB, b) 2 letters (to J.G. Baker and an unknown recipient) at Hunt Library (Huntia 4(1): 55. 1981 (contents)).

21.872. *Plantae Aucherianae*. Adjunctis nonnullis e regionibus Mediterraneis et Orientalibus aliis cum novarum specierum descriptione ... Extrait des Annales des Sciences naturelles ... 1844. Oct.
Publ.: Feb, Mar and Jul 1844 (in journal), p. [121]-151, 298-349, 46-96. *Copy*: B. – Reprinted (text sometimes slightly moved, hence pagination in journal somewhat different) and to be cited from Ann. Sci. nat. Bot. ser. 3. 1: 120-151. Feb, 297-349. Mar 1844, ser. 3. 2: 46-96. Jul 1844.

21.873. *Description* de deux nouvelles espèces de *Crucifères des Alpes du Piémont* ... [Mém. Soc. phys. hist. nat. Genève ... 1848]. Qu.
Publ.: 1848, p. [1]-8, *pl. 1-2* (uncol. liths.) [sic, 3 pl. in journal issue]. *Copy*: G. – Reprinted and to be cited from Mém. Soc. phys. hist. nat. Genève 11: 451-456, *pl. 1-2*. 1848.

21.874. *Description du genre Thurya* ... Extrait des Annales des Sciences naturelles ... [1857]. Oct.
Co-author: Benedict Balansa (1825-1891), see TL-2/1: 107-109 and suppl. 1: 286-287.
Publ.: Mai 1857 (in journal), p. [1]-5, *pl. 13* (uncol. lith. Thury). *Copies*: B, G. – Reprinted and to be cited from Ann. sci. nat. Bot. ser. 4. 7(15): 302-306, *pl. 13*. 1857.

***Boissieu, Claude Victor de** (1784-1868), French botanist, artist and engraver at Lyon. (*Boissieu*).

HERBARIUM and TYPES: Unknown. – PR mentions the existence of some 600 plates at the library of Delessert (at P).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 211 (d. 22 Nov 1868); BM 1: 189; Jackson p. 226; Kew 1: 285; NI 191; Plesch p. 147-148; PR 951, ed. 1: 1063; Rehder 1: 348; SO add. 785C; TL-1: 43-44; TL-2/1: 259-261.

BIOFILE: Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 443. 1877.
Magnin, A., Ann. Soc. bot. Lyon 31: 57-58. 1906.

***Boissieu, [Jean Marie Antoine Gustave] Henri de** (1871-1912), French botanist, born at the Château de Varambon, Dépt. Ain, of private means, studied at the University of Lyon, licencié-ès-lettres, turned mainly to botany, worked often at the Muséum d'Histoire naturelle

with Bureau and Franchet, botanical explorer of S.E. France, travelled in Greece and western Asia, worked on the flora of China, Japan and Korea, died on a botanical field trip in the Jura. (*H. Boissieu*).

HERBARIUM and TYPES: STR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 211 (b. 16 Feb 1871, Varambon, Ain, d. 22 Nov 1868); CSP 13: 654; Hortus 3: 1189; IH 1 (ed. 6): 356, 2: 83; Kew 1: 285; MW p. 47; Rehder 2: 196, 246, 319, 658; TL-2/1: 261; Tucker 1: 766.

BIOFILE: Anon., Bot. Monatschr. 22(9): 144. 1911 (member Acad. franç.); Bull. Géogr. bot. 4. 20: 161-162. 1912; Bot. Not. 1912: iii (d.); Hedwigia 53 (Beibl.) 2: (169). 1913 (d. from a fall while botanizing in Tenay (Ain), France).
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Reed, C.F., Bibl. floras S.E. Asia 16. 1969 (4 titles).
Zeiller, R., Bull. Soc. bot. France 59: 465. 1912 (brief obit.).

COMPOSITE WORKS: (1) *Violaceae*, *in* H. Lecomte et al., Fl. gén. Indo-Chine 1(1): 206-208. Oct 1908, 1(3): 209-218. Mai 1909 (see TL-2/4275).

21.875. *Contribution* à la connaissance du *littoral Saharien*[.] Étude sur la flore du Cap Blanc ... [Extrait du Journal de Botanique]. Oct.
Publ.: 1 Jul 1896 (in journal), p. [1]-4. *Copy*: G. – Reprinted and to be cited from J. Bot. [Morot] 10: 218-221. 1896.

21.876. Les *Saxifragées du Japon*. Espèces et localités nouvelles pour la flore du Japon d'après les collections de M. l'Abbé Faurie ... Bulletin de l'Herbier Boissier ... 1897. Oct.
Collector: Père Urbain Jean Faurie (1847-1915). See below.
Publ.: Aug 1897 (in journal), p. [1]-14. *Copies*: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 5(8): 682-695. 1897.

21.877. Les *Ericacées du Japon* d'apres les collections de M. l'Abbé Faurie ... Bulletin de l'Herbier Boissier ... 1897. Oct.
Collector: Père Urbain Jean Faurie (1847-1915), collected in Japan, Korea, Taiwan 1885-1915; main set of collections at P. – For further details see IH 2: 191; for eponymy (epithets) see Barnhart 1: 529.
Publ.: Nov 1897 (in journal), p. [1]-20. *Copies*: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 5(11): 905-924. 1897.

21.878. Les *Légumineuses du Japon* d'apres les collections de M. l'Abbé Faurie ... Genève (Imprimerie Romet, ...) 1898. Oct.
Collector: Père Urbain Jean Faurie (1847-1915), see above.
Publ.: Aug 1898 (in journal), cover-t.p., p. [1]-21. *Copies*: L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 6(8): 660-680. 1898. – Only the copy of L seen by us, separately issued with new cover-t.p.

21.879. Les *Renonculacées du Japon* d'après les collections parisiennes de M. l'Abbè Faurie ... Extrait du Bulletin de l'Herbier Boissier ... 1899]. Oct.
Collector: Père Urbain Jean Faurie (1847-1915), see above.
Publ.: Aug 1899 (in journal), p. [1]-22. *Copies*: G, L, [U, US]. – Reprinted and to be cited from Bull. Herb. Boissier 7(8): 580-601. 1899. – Reprints have on p. 1: "Extrait du Bulletin ...".

21.880. Les *Crucifères du Japon* d'après les collections de M. l'Abbé Faurie ... Genève (Imprimerie Romet, ...) 1899. Oct.
Collector: Père Urbain Jean Faurie (1847-1915), see above.
Publ.: Nov 1899 (in journal), cover-t.p., p. [1]-18. *Copies*: L (reprint with cover), U, US. – Reprinted and to be cited from Bull. Herb. Boissier 7(11): 781-798. 1899.

21.881. Contribution à la connaissance des Viola d'Extrême-Orient. *Les Viola de Chine* d'après les collections du Muséum d'Histoire naturelle de Paris ... Bulletin de l'Herbier Boissier ... 1901. Oct.
Publ.: 31 Oct 1901 (date on p. [1]), p. [1]-9. *Copies*: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier, ser. 2. 1(11): 1073-1081. 1901.

21.882. Un *nouveau Viola de Chine* ... [Bulletin de l'Herbier Boissier ... 1902]. Oct.
Publ.: 28 Feb 1902 (in journal), p. 333. *Copies*: U, US. – Reprinted and to be cited from Bull. Herb. Boissier, ser. 2. 2(3): 333. 1902.

21.883. *Note sur quelques ombellifères de Chine* d'après les collections du Muséum d'Histoire naturelle de Paris ... [Bulletin de l'Herbier Boissier ... 1902]. Oct.
Publ.: 31 Aug 1892 (in journal), p. [1]-10. *Copies*: G, L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier, ser. 2. 2(9): 801-810. 1902.

21.884. Les *ombellifères de Chine* d'après les collections *du Muséum d'Histoire naturelle* de *Paris* ... Bulletin de l'Herbier Boissier ... 1903. Oct.
Publ.: 30 Sep 1903 (date on p. [837], p. [1]-20. *Copies*: G, L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier, ser. 2. 3(10): 837-856. 1903
Ref.: Malinvaud, E., Bull. Soc. bot. France 50(Bibl.): 507. 1903 (rev.).

21.885. Les *ombellifères de Corée* d'après les collections de M. l'Abbé Faurie ... Bulletin de l'Herbier Boissier ... 1903. Oct.
Collector: Père Urbain Jean Faurie (1847-1915), see above.
Publ.: 31 Oct 1903 (date on p. [951]), p. [1]-6. *Copies*: G, L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier, ser. 2. 3(11): 953-958. 1903.

21.886. *Note* sur quelques *plantes adventices* des environs *de Pont-d'Ain* (Ain) ... Extrait du Bulletin de la Société botanique de France ... 1903. Oct.
Publ.: Jun 1903 (fide Leussink, Taxon 37(1): 49. 1988), p. [183]-188, *pl. 7*. *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 50(2): 183-188, *pl. 7*. 1903.

21.887. *Les Ombellifères de Chine*. D'après les collections *de l'Académie de Géographie botanique* ... Extrait du Bulletin de l'Académie internationale de Géographie botanique ... [1906]. Oct.
Publ.: 1906 (p. 4 date mss. Feb 1906), p. [1]-4. *Copies*: B, L. – Reprinted and to be cited from Bull. Acad. int. Géogr. bot. 15: 183-186. 1906.

21.888. *Note complémentaire* et rectificative sur les *Ombellifères de Corée* ... Extrait du Bulletin de l'Herbier Boissier ... 1908. Oct.
Publ.: 31 Aug 1908 (in journal), p. [641]-643. *Copies*: B, L. – Reprinted and to be cited from Bull. Herb. Boissier, ser. 2. 8(9): 641-643. 1908.

21.889. Le genre *Viola dans l'herbier de Buitenzorg* ... [Bulletin Société Botanique de France ... 1910]. Oct.
Co-author: Capitaine, Louis (1883-1923).
Publ.: Oct 1910 (fide Leussink, Taxon 37(1): 57. 1988), cover (identif.), p. 337-344, *pl. 11-13* (uncol.). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 57(5): 337-344, *pl. 11-17*. 1910.

Boistel, Alphonse [Barthélemy Martin] (1836-1908), French jurist, lichenologist and geologist, born in Paris, studied law at the Collège Rolin, University of Paris, Dr. jur. 1864, professor at the Law Faculty of Grenoble 1865-1870, idem Paris 1870-1907, died at Saint-Philibert-sur-Risle, Eure. (*Boistel*).

HERBARIUM and TYPES: PC, further material at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 212 (b. 24 Feb 1836, d. 24 Sep 1908); BM 1: 189; GR p. 266; GR, cat. p. 60; IH 2: 83; Kew 1: 285; LS 3202-3203, 31.292-31.293; LS suppl. 3069; Quenstedt p. 46; SBC p. 116.

BIOFILE: Anon., Bot. Not.1908: 212, 1909: 100.
Camus, F., Bull. Soc. bot. France 55(7): 588. 1908 (brief obit. not.).
Magnin, A., Bull. Soc. bot. Lyon 35: 51. 1910 (brief biogr. note, b. 24 Dec 1836, Paris, d. Saint-Philibert-sur-Risle (Eure) 24 Sep 1908).

21.890. *Nouvelle flore des Lichens* pour la détermination facile des espèces sans microscope et sans réactifs avec 1.178 figures inédites. Dessinées d'après nature par l'auteur représentant toutes les espèces de France et les espèces communes d'Europe ... Paris (Librairie générale de l'enseignement ... [1896]) 16-mo. (*Nouv. fl. Lich.*).
Publ.: 1896, cover-t.p., p. [i]-xlv, [xlvi], [1]-164. *Copies*: G, U.
Other issues: The flora was several times reprinted with the same t.p. and pagination-formula. The dates are not given except the printer's mark on the bottom of p. 164: e.g. a reprint 1913 can be recognized in the mark 5360-13, of which the "13" refers to the year date. The later editions have on the cover "nouvelle édition revue et corrigée". – *Copies*: G; IDC 1001.
Partie scientifique: *Nouvelle flore des Lichens*, *II. partie* (parte scientifique) servant à la détermination de toutes les espèces, variétés et formes signalées en France, avec leurs caractéres microscopiques et leurs réactions chimiques, duodecimo, p. [i]-xxxiii, [xxxiv-xxxv], [1]-352, [353, 355 (printer's mark)]. *Copy*: G. – First issue published in 1902. For further details see Abbé Hue, Bull. Soc. bot. France 48(Bibl.): 407-408. 1902. This second part is also included in the microfiche edition IDC 1001.
Note: We have seen copies and/or reprints of part 1 only of 1896, 1902, 1913 and 1937 (FAS(B)), of part 2 only 1903.
Nouvelle flore des Lichens pour la détermination facile des espèces ... Paris (Éditions Belin ...) [Mar 1986], p. [iii-vii], viii-xlv, [xlvi], [1]-164. *Copy*: G. – Dépot légal Mars 1986. 16/mo.
Ref.: Abbé Hue, Bull. Soc. bot. France 43: 632-633. 1896 (rev. ed. 1).

Boitard, Pierre (1787-1859), French naturalist (botany, horticulture, zoology), born at Macon, died at Paris. (*Boitard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 212; BM 1: 189; Jackson p. 37; Kew 1: 285; NI 192-193; Plesch 148; PR 952-957, ed. 1: 1064-1074; Rehder 5(index): 96; Tucker 1: 93, 766.

BIOFILE: Anon., Flora 42(47): 749. 1859 (d.); Bull. Soc. bot. France 6: 439-440. 1859 (d. 28 Aug 1859, Paris).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 443. 1877.
Johnson, D.E., Huntia 6(1): 20-21 (nos. 33-35). 1985 (detailed bibl. info. on 3 titles).
Magnin, A., Bull. Soc. bot. Lyon 32: 35. 1907 (list publ.).
Schlechtendal, D.F.L. von, Bot. Zeit. 17(39): 336. 1859 (obit. not.).

COMPOSITE WORKS: (1) See F.N.A. Dubois, *Meth. ... plantes de la France*, ed. 4 by Boitard.

21.891. *Flore de la botanique des dames*. Collection renfermant quatre planches de principes de botanique, et quatre cents figures de plantes, dont une grande partie est extraite de l'Herbier

de l'Amateur ... Paris (Audot, Librairie-Éditeur, ...) 1821. Duod. (*Fl. bot. dames*).
Publ.: 1821, p. [i, iii], [1]-8, *pl. 1-4* (principles; with two pages text), *5-104* (each plate with 4 plants ill.). *Copy*: G. – On cover: "Encyclopédie des dames".

21.892. *Manuel complet de botanique*, ou principes de botanique élémentaire, renfermant la glossologie, l'organographie et la physiologie végétale, la phytothérosie, l'histoire analytique de la botanique depuis Aristote jusqu'à ce jour, et le développement du système des familles naturelles ... Paris (Roret, libraire, ...) 1826. 18-mo. (*Man. compl. bot.*).
Publ.: *Ed.* [*1*]: 1826, p. [i]-vi, [1]-448, *plates 1-6* combined on two folding plates of 3 (uncol. copp. engr.), 10 p. adv. *Copies*: G, NY. – Johnson 1985, no. 33.
Ed. 2: 1828, p. [vii]-xvi, [1]-468, *pl. 1-6* (as above). *Copy*: L. – "Deuxième édition, corrigée et augmentée d'une table alphabetique ..."
Ed. 3: 1835, see Johnson 1985, no. 35, not seen by us. See also BM, Nouv. biogr. gén 6: 475-476 and PR ed. 1. 1067.
Nouvelle édition: 1852, n.v., fide PR 954.
German ed.: 1828, *Die Botanik* in ihrer Anwendung, von Theodor Thon., Ilmenau 1828. Oct. (n.v.), fide PR.
Ref.: Johnson, D.E., Huntia 6(1): 20. 1985 (further info.).

21.893. *Manuel du cultivateur-forestier*, contenant l'art de cultiver en forêts tous les arbres indigènes et exotiques, propres à l'aménagement des bois; l'explication des termes techniques employés dans le langage forestier et en botanique dendrologique; un extrait des lois concernant les propriétés particulières soumises au régime forestier, et les fonctions des gardes; enfin une flore dendrologique de la France ... Paris (à la Librairie encyclopédique de Roret, ...) 1834. Duod. (*Manuel cult.-forest.*).
Publ.: *1*: 1834, cover-t.p., p. [i**, iii**], [i*]-vi*, [i]-xxx, [1]-274.
2: 1834, cover-t.p., p. [i, iii], [1]-314.
Copy: L.

21.894. *L'art de composer* et décorer les *jardins*, ... ouvrage accompagné d'un grand nombre de planches. Paris (Librairie encyclopédique de Roret, ...) 1834. Oblong. (*Art comp. jard.*).
Publ.: 1834, p. [i]-vii, [9]-172, *pl. 1-120* (uncol. copp. engr.). *Copy*: G.
Ed. 2: [*1*:] 1854, p. [vii], [ix], x-xvii ["vij"], [1]-172. *Copy*: U.
[*2*:] 1854, p. [i-iii], *pl. i-viii, 1-120* (uncol. liths., belonging to Atlas). *Copy*: U.

21.895. *Manuel complet de l'amateur de roses*, leur monographie, leur histoire et leur culture ... Paris (Librairie encyclopédique de Roret ...) 1836. Duod. (*Man. compl. amat. roses*).
Publ.: 1836, p. [i, iii], [1]-367, [368, err.], *pl. 1-15* (14 col.). *Copies*: G, MO.

***Boivin, Louis Hyacinthe** (1808-1852), French botanist and plant collector, born at Compiègne (Oise), studied medicine but turned to botany, student of Desfontaines and Adrien de Jussieu in Paris, ca. 1830 active at Mende (Lozère) with Mougeot, through Gaudichaud sent to the Indian Ocean (mainly Madagascar, Mauritius and Réunion), also collecting on the coasts of Africa 1846-1852, died on the journey back to France in the hospital at Brest. (*Boivin*).

HERBARIUM and TYPES: Major collections at P and PC, further material at (see IH 2: 83): B, BM, BR, CAS, CN, E, FI, G, K, L, LE, M, MO, NEU, TAN, TCD, W, WB.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 282; Barnhart 1: 212 (b. 27 Aug 1808, d. 7 Dec 1852); CSP 7: 208; Hortus 3: 1189; IH 2: 83; Lasègue p. 102, 296; PR p. 33; TL-2/1: 261; Urban-Berl. p. 294, 319, 331.

BIOFILE: Anon., Flora 29: 527. 1846 (to Africa), 36: 600. 1853.
Candolle, Alph. de, Phytographie 397. 1880.

Christensen, C., Dansk bot. Ark. 7: vii-viii. 1932.
Duchartre, P.E.S., Rev. bot. 1: 478-479. 1846 (left Paris for Africa).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 443-444. 1877.
Gunn, M. and L.E. Codd, Bot. expl. S. Afr. 71, 95. 1981 (coll. at Cape).
Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 61. 1970.
Hepper, F.N. and F. Neate, Pl. coll. W. Africa 11. 1971.
Hooker, W.J., J. Bot. Kew Gard. Misc. 5: 283. 1853 (on colls. sent to K).
Humbert, H., C.R. AETFAT 4: 131-132. 1962.
Jaubert, H.F., Bull. Soc. bot. France 1: 225-239. 1854 (major biogr.).
Sayre, G., Mem. New York Bot. Gard. 19(3): 293. 1975 (coll.).
Steinberg, C.M., Monogr. Biol. Canar. 4: 5, 18, 32. 1973 (coll. Canary Isl. and facsimile of a label of B.; other handwriting sample on p. 6, no. 1).

***Bojer, Wenceslaus** [Wencelaus] (1797-1856), Czeck (Bohemian) naturalist and explorer, born at Resanice, S. Bohemia, baptised Vaclar Pojer, known by his German name Wencelaus Bojer, apprentice at the estate of Caspar von Sternberg at Radnitz 1810-1813, moved to Vienna at the invitation of F.W. Sieber, employed at the Imperial Museum to bring together botanical collections, sent to East Africa and the Mascarenes with Ch. Hilsenberg, reaching Mauritius 1821, collected on Madagascar and the East African Islands, settled at Mauritius late 1824 or 1825, professor of natural history at the Royal College 1826, collected at Agaléga and the Comoro Islands 1835, curator of the Mauritius Natural History Museum 1842, ultimately professor of natural history at the Royal College. (*Bojer*).

HERBARIUM and TYPES: Major sets at P and PC, but also original material at W (Madagascar); further material in AWH, B, BM, C, CGE, E, G, K, KIEL, L, LE, OXF, PH, TCD, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 212 (b. 25 Sep 1797, d. 4 Jun 1856); BB p. 37; BM 1: 189; Clokie p. 135; CSP 1: 463, 9: 284; Desmond p. 73; Frank 3(Anh.): 12; Hortus 3: 1189; IF p. 682; IH 2: 83; Jackson p. 353, 448; Kew 1: 287; KR p. 93; Lasègue p. 315, 326, 327, 332, 346, 450, 504, 557; Maiwald p. 114, 116, 117; PR 940, ed. 1: 1057; Rehder 5(index): 97; RS p. 75; TL-2/1: 261-262; Tucker 1: 93; WU 2: 27-28; Urban-Berl. p. 330; Zander ed. 11, p. 724.

BIOFILE: Anon., Bot. Mag. 1828: *pl. 2817*, 1829: *pl. 2884*; Bot. Zeit. 14(46): 808. 14 Nov 1856 (obit. not.); Gard. Chron. 1856: 630; New Philosoph. J. 18: 388. 1856 (obit.); Bull. Soc. bot. France 3: 446-447. 1856 (obit.), 22(Bibl.): 45. 1875 (on a possible second ed. of *Hortus mauritianus*); ÖBW 6: 335. 1856 (d.); Flora 39(2): 767. 1856 (d.), 40: 768. 1857; Bonplandia 5: 330. 1857 (monument), 6: 333. 1858 (obit. not.; had cogn. Dupetit-Thouars in Leopoldina); Bot. Not. 1858: 13 (d.).

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Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 61. 1970.
Hilsenberg d'Erfuth, C.T., Nouv. ann. voyages ser. 2. 145-168. 1829 (botanical trip with B. 1822); [transl. by W.J. Hooker]; Bot. misc. 3: 246-277. 1833.
Hooker, J.H. ex W.J., J. Bot. Kew Misc. 8: 312-317. 1856.
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Massot, J.V., Bull. Acad. Malgache ser. 2. 33: 23-28. 1956.
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Regnard, L.N., Dict. Mauritian Biogr. 25: 742-743. 1952.
Seemann, B. and W.E.G. (eds.), Bonplandia 4(24): 381-382. 15 Dec 1856 (obit.; frontisp. portrait).

Ursh, E. and J. Leandri, Mem. Inst. Sci. Madagascar ser. B. 5: 109-186, *pl. 21-57*. 1954.
Vaugham, R.E., Proc. R.Soc. Arts Sci. Mauritius 2(1): 73-98. 1958 (major biogr., bibl., portr., manuscripts, expeditions, q.v. for further information).

21.896. [*Espèces nouvelles de plantes ... à Madagascar* et aux îles Comores ... Maurice/ Mauritius 1841]. Oct.
Publ.: 1841, p. 37-49. *Copy*: MO. – Reprinted and to be cited from Rapp. annuel Trav. Soc. Hist. nat. Maurice ... 12: 37-49. 1841. – The above title is taken from the first paragraph of the extract.

21.897. *Description du genre Labourdonnaisia* de la famille des Sapotacées ... [Mém. Soc. Phys. Genève 1841]. Qu.
Publ.: 1841 (? 1842), p. [1]-6, *1 pl.* (uncol. Heyland). *Copies*: G, L. – Reprinted and to be cited from Mém. Soc. Phys. Genève 9: 295-300. 1841. – See ING 1: 923. 1979.
Reprint: 1842, Rapp. annuel Trav. Soc. Hist. nat. Maurice 13: 43-54. 1842. *Copy*: Teyler.

21.898. *Vahea madagascariensis* a Bojero, viro clarissimo, ad vivam plantam depicta. Communicavit Alph. de Candolle ... Nova Acta Acad. Caes. Leop. Carol. nat. Cur. ... [1847]. Qu.
Publ.: 1847 (mss. submitted Apr 1847), p. [1]-8, *pl. 40-42* (col., W. Bojer). *Copy*: G. – Reprinted and to be cited from Nova Acta Leopoldina 22(2): [393, sic]-400, *pl. 40-42* (id.). 1849 ["1847"].

21.899. *Planches relatives au genre Gaertnera* ... Nouv. Mémoires de la Soc. helvétique des Sciences natur. ... 1847. Fol. (in half sheets).
Publ.: 1847, p. [i], [1], *pl. 1* (col.), *pl. 2* (uncol.). *Copies*: G, L. – Reprinted and to be cited from Nouv. Mém. Soc. helv. Sci. nat. 10["8"]: [1], *pl. 1-2*. 1849 ["1847"].
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 6: 159. 25 Feb 1848 (rev.).

Bokorny, Thomas (1856-1929), German (Bavarian, Franconian) plant physiologist, studied at the University of München, Dr. phil. ib. 1882, lecturer at the University of Erlangen, habil. Erlangen 1888-1892, teacher of natural sciences at the Royal "Cadettencorps" in München 1892. (*Bokorny*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 212 (b. 19 Jan 1856, d. 14 Feb 1929), De Toni 1: xiii, 4: vi; Nordstedt p. 9; Rehder 5(index): 97.

BIOFILE: Anon., Bot. Centralbl. 36(45): 191. 1888 (habil. Erlangen), 51(38): 400. 1892 (teacher nat. sci. München).

21.900. *Die durchsichtigen Punkte der Blätter* in anatomischer und systematischer Beziehung. Von der philosophischen Fakultät 2. Sektion zu München preisgekrönte Abhandlung zugleich Inauguraldissertation ... s.l.n.d. [1882]. Oct. (*Punkte Blätter*)
Publ.: 1882, p. [i-ii], [1]-51. *Copies*: GOET(NSUB), U. – Preprinted from Flora 65: 339-350. 1 Aug, 355-368. 11 Aug, 371-381. 21 Aug, 387-397. 1 Sep, 411-417. 11 Sep 1882.

***Bolander, Henry Nicholas** (1831-1897), German (Hessen, Nassau) botanist who came with his parents to the United States, Columbus, Ohio in 1846, at the Lutheran Seminary of Columbus, teacher at German-English schools, botanist with Lesquereux in Ohio, Pennsylvania, Michigan, Indiana and S. Illinois, removed to California Dec 1861, settled at San Francisco, state botanist for California 1864, with the State Superior Schools 1871-1875, settled in Portland 1883. (*Bol.*).

HERBARIUM and TYPES: HH, further material at B, BM, BRU, BUF, CAS(DS), CGE, CN, F, FI, G, GOET, GRA, K, L, LE, LY, LZ, M, MASS, MICH, MO, P, PH, QK, UC, US, W,

WELC, YU. – Specimens also in Sullivant and Lesquereux, *Musci boreali americana.* – Many specimens were issued by Bolander with labels titled *Plantae Californicae.* – See also his pamphlet *Names of California plants* collected mainly in 1866. 1867. Oct., 16 p. *Copy*: HH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 212 (b. 22 Feb 1831, Schlüchtern, Hessen, d. 28 Aug 1897, Portland, Ore.); CSP 9: 284; GR p. 64; Hortus 3: 1189; IH 2: 83; Kew 1: 288; Lenley p. 448 (letters in Torrey corr.); LS 3235; ME 3: 540 (index); Rehder 1: 320, 323, 2: 38; TL-2/1: 262; Tucker 1: 93; Urban-Berl. p. 270, 285, 294.

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21.901. *Names of California plants* collected mainly in 1866, and distributed by Henry N. Bolander. The numbers are those of the collections of the State Geological Survey of California. Distributed to subscribers [San Francisco], 1867. Oct. (*Names Calif. pl.*).
Publ.: 1867 (date on t.p.), p. [i, above text], 1-16 (printed on one side of leaf only). *Copies*: HH, MO (Engelmann's copy).

21.902. *The genus Melica in California* ... From Proc. Cal. Acad. Sci. ... 1870. Oct.
Publ.: Feb 1870, p. [101]-104. *Copy*: G. – Reprinted and to be cited from Proc. Calif. Acad. Sci. 4: 101-104. 1870.

***Boldingh, Isaäc** (1879-1938), Dutch botanist, studied botany at the University of Utrecht, visited the Dutch West Indies 1906, Dr. phil. Utrecht 1909, assistant and custodian for botany at Utrecht 1908-1914, botanist at the Buitenzorg [Bogor] herbarium and acting chief of the institute 1914-1917, with the General Experiment Station for Agriculture at Buitenzorg 1917-1932, specialized in the selection of maize, in retirement at Amersfoort (prov. Utrecht, Netherlands) 1932; worked on the Dutch West Indies flora in his period at Utrecht. (*Bold.*).

HERBARIUM and TYPES: Dutch West Indies: U. – Further material at B, BO, C, F, K, L, NY, P. – West Java: BO. – Netherlands: NBV and U.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 646; Barnhart 1: 213; BJI 2: 16; BL 1: 112, 228; BM 6: 105; IH 2: 83; JW 1: 452, 2: 186, 3: 345; Kew 1: 288; Langman p. 146; Plesch p. 148; SK 1: 69-70 (curr. vit., portr.), 600.; TL-2/1: 262-263; Tucker 1: 93, 766; Urban-Berl. p. 331.

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Publ.: 1907, cover-t.p., p. [1]-20. *Copy*: L. – Reprinted and to be cited from Bull. Kol. Mus. Haarlem 38: 93-112. 1907.

21.904. A *contribution to the knowledge of the flora of Anguilla* (B.W.I.) ... Extrait du Recueil des Travaux botaniques néerlandais ... 1909. Oct.
Publ.: 1909, cover-t.p., p. [1]-36. *Copies*: B, L, U. – Reprinted and to be cited from Receuil Trav. bot. néerl. 6: 1-36. 1909.

21.905. Iets uit de *geschiedenis van de* studie der *Antillenflora*. 1913. Oct.
Publ.: 1913 (read 27-29 Mar 1913), cover-t.p., p. [1]-8. *Copy*: L. – Reprinted and to be cited from Handelingen van het XIVe Nederlandsch Natuur- en Geneeskundig Congres gehouden te Delft op 27, 28 en 29 Maart 1913: 277-284. 1913.

Boldt, Charles Emil Valentin (1866-1922), Finnish botanist, studied at the University of Helsinki subsequently assistant at the Botanical Laboratory, from 1897 giving the laboratory courses until 1922, in between he conducted special prepatory courses in botany 1906-1913. (*C.E.V. Boldt*).

HERBARIUM and TYPES: H (1500 Phan., 3000 Musci, Lich.), further material at L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 213; Collander p. 39-40 (publ.); IH 2: 83; KR p. 93; Saelan p. 36 (publ.).

BIOFILE: Collander, R., Hist. Bot. Finland 92, 95. 1965.
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21.906. Om epifylla blommer hos *Chirita hamosa* R. Br. ... Saertryk af Vidensk. Meddel. fra den naturh. Foren. i Kbhvn. 1897. Oct.
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21.907. Om ett fynd i Finland af *Scirpus parvulus* Röm. et Sch. och dess Skottbyggnad ... [Kuopio (O.W. Backmans Boktryckeri) 1900]. Oct.
Publ.: 1900 (read 7 Oct 1899), p. [1]-5, [6, imprint]. *Copy*: L. – Reprinted and to be cited from Medd. Soc. Fauna Fl. fenn. 26: 100-104. 1900.

Boldt, Johan Georg Robert (1861-1923), Finnish phycologist and teacher, studied at the University of Helsinki 1878, fil. kand. 1881, fil. lic. 1891, teacher at various schools in Finland. (*Boldt*).

HERBARIUM and TYPES: S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 213 (b. 3 Jan 1861); BM 1: 190; Collander p. 40 (nos. 18-22); De Toni 1: xiii, 4: vii; IH 2: 83; KR p. 93; Nordstedt p. 9; Rehder 2: 130; Saelan p. 36-37 (nos. 1-17); Tucker 1: 93.

BIOFILE: Koponen, T., Luonnon Tutkija 68: 181-191. 1964 (obit. biogr.).
Palmgren, A., Medd. Soc. Fauna Fl. fenn. 50: 89-93. 1925 (obit.).
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Publ.: 1885 (read 11 Feb 1885), p. 91-128, *pl. 5-6* (uncol., auct.). *Copy*: B. – Reprinted and to be cited from Öfvers. K. Sv. Vet. Akad. Förh. 1885(2): 91-129, *pl. 5-6*. – Saelan no. 1.

21.909. *Grunddragen af Desmidieernas utbredning i Norden* ... Stockholm (Kongl. Boktryckeriet ...) 1887. Oct.
Publ.: 1887 (date on t.p., text submitted 8 Jun 1887), p. [1]-110. *Copies*: B, U; IDC 7670/183-185. – Issued as Bih. K. Sv. Vet. Akad. Handl. 8, Afd. III. no. 6. – Saelan no. 3 dates this publication at 1888, see also next publication.

21.910. *Desmidieer från Grönland* ... Stockholm (Kongl. Boktryckeriet ...) 1888. Oct.
Publ.: 1888 (date on t.p., text submitted 8 Jun 1887), p. [1]-48, *pl. 1-2* (uncol.). *Copies*: B, U; IDC 7670/182-183. – Issued as Bih. K. Sv. Vet.-Akad. Handl. 8, Afd. III. no. 5. – Saelan no. 3.

21.911. *Iakttagelser öfver könsfördelningen hos lönnen* ... Meddelanden af Societas pro Fauna et Flora fennica ... 1888. Oct.
Publ.: 1889 (date on p. [61] is 1888, date of printing on p. 65 is 1889), p. [61]-65. *Copy*: L. – Reprinted and to be cited from Medd. Soc. Fauna Fl. fenn 16: 61-65. 1889 ["1888"]. – See also Saelan: Boldt no. 1.

21.912. Några *sötvattens-alger* från *Grönland* ... [Bot. Not. 1893]. Oct.
Publ.: 1893, p. 156-158. *Copy*: L. – Reprinted and to be cited from Bot. Not. 1893: 156-158.

***Boll, Ernst Friedrich August** (1817-1868), German (Neubrandenburg) botanist and geologist and historian of Mecklenburg, founder of the Naturforschende Gesellschaft in Mecklenburg, editor of the Archiv Verein Freunde Naturgeschichte Mecklenburg 1847-1868. (*Boll*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 108 (brief note; b. 21 Oct 1817, d. 20 Jan 1868); Barnhart 1: 213; BFM 97; BM 1: 190-191; CSP 1: 465-466, 6: 595-596, 7: 209-210, 12: 90; GR p. 64; Kew 1: 289; LS 3251; PR 958; Quenstedt p. 46; Rehder 1: 296, 382, 384; TL-2/1: 263 and see indexes; Tucker 1: 93.

BIOFILE: Ascherson, P., Fl. Prov. Brandenburg 1: 2. 1860.
Boll, E.F.A., Fl. Mecklenburg 149. 1860 (brief note on publ.).
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21.913. *Flora von Meklenburg-Strelitz*, nebst Beiträgen zur gesammten meklenburgischen Flora ... [Archiv des Vereins der Freunde der Naturgeschichte in Mecklenburg ... Neubrandenburg (in Commission bei C. Brünslow)] 1849. Oct.

Publ.: 1849, *in* Arch. Ver. Freunde Naturgesch. Mecklenb. 3: 5-146. 1849. – See further TL-2/620, for which this is the first edition.

Final version: see TL-2/620, *Fl. Meklenb.* 1860.

Nachträge: Arch. Ver. Freunde Naturgesch. Mecklenb. 4: 151-158. 1850, 5: 163-169. 1851, and 18: 95-138. 1864.

Boll, Jacob (1828-1880), Swiss botanist, entomologist, geologist, and pharmacist, born at Bremgarten, Canton Aargau, attended a gymnasium, studied at the University of Jena 1851-1853 (without degree), settled as apothecary at Bremgarten, dedicated himself to botany, teacher of natural history at Bremgarten 1853-1869, collaborator on the geological map of Switzerland, visited the United States 1869-1870, collected for Louis Agassiz at the Harvard Museum, returned to Cambridge, Mass. Dec 1870 acting unofficially as curator with Agassiz until Spring 1871, finally settled in the United States 1874 at Dallas, Texas, continued his field trips, died on such a trip in Wilbarger County, Texas. (*J. Boll*).

HERBARIUM and TYPES: B, G, M, MO, RSL, Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 213 (b. 29 Mai 1826, Bremgarten, Switz., d. 29 Sep 1880, Wilbarger Co., Texas); BL 2: 567; BM 1: 191; DAB 2: 419-420; IH 2: 83; LS 3252; PR 959; Rehder 1: 435; Urban-Berl. p. 295.

BIOFILE: Anon., Leopoldina 16: 193. 1880 (d.); Nat. Nov. 23: 196. 1880 (obit. not.); Natur Halle 29: 646-647, 1880; Entomol. Mo. Mag. 17: 213-214. 1881; Entomol. Nachr. 7: 68. 1881; Amer. Natural. 15: 84-85. 1881; Dallas Morning News 21 Oct 1928 (portr., facs.).

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21.914. *Verzeichniss der Phanerogamen- & Kryptogamen-Flora von Bremgarten*, dem untern Freiamt, Hallwillersee, Limmatthal und den angrenzenden Theilen des Kantons Zürich ... Aarau (Druck und Verlag von J.J. Christen) 1869. Oct. (*Verz. Phan.- Krypt.-Fl. Bremgarten*).

Publ.: Aug-Oct 1869 (preface signed 9 Jul 1869; Bot. Zeit. 24 Dec 1869, Flora 27 Dec 1869; see refs.), cover-t.p., p. [i]-viii, [1]-126, [127, Nachträge]. *Copies*: G, NY.

Ref.: Anon., ÖBZ 19: 354. 1 Nov 1869 (brief rev.).
Singer, J., Flora 52: 459-460. 10 Nov 1869 (id.).

***Bolle, Carl** [Karl] **August** (1821-1909), German (Berlin) botanist, ornithologist and dendrologist, independent scholar of private means, delegate in the board of the public parks of Berlin, collected widely in Europe, the Canary Islands and the Cape Verde Islands, close associate of Paul Ascherson, had an arboretum on the Insel Scharfenberg in the Tegeler See, "Kommerzienrat" of Prussia 1897. (*Bolle*).

HERBARIUM and TYPES: B. – Further material in COI, FI, HBG, GOET, K, L, MO, P, S, ICD, W, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 393, 4: 195, 5(1): 419; Barnhart 1: 213 (b. 21 Nov 1821, Berlin, d. 17 Feb 1909, Berlin); BJI 1: 6; BL 1: 87-88, 2: 631; BM 1: 191, 6: 106;

Bossert p. 44; CSP 1: 466-467, 6: 591, 7: 209-210; DTS 1: 24, 6(4): 45, 116; Hortus 3: 1189; IF p. 682; IH 2: 83; Kew 1: 289; KR p. 95; Langman p. 146; LS 3256-3257; Morren ed. 10, p. 7; PR 960; Rehder 5(index): 97; Saccardo 1: 32, 178, 2: 20; TL-2/1: 263-264 and see indexes; Tucker 1: 93; Urban-Berl. p. 295, 331; Zander ed. 10, p. 637, ed. 11, p. 724.

BIOFILE: Anon., Bonplandia 1(4): 35 (on the Cape Verde Isl.), 1(12): 119 (returned from Cape Verde Isl.), 1(15): 142 (in Paris). 1853, 3: 257 (in Hannover), 344 (in London on the way to the Canaries). 1855, 4: 48, 62 (to Canaries), 99 (ship returned to Plymouth), 151-152 (letter from St. Cruz), 304 (letter from St. Cruz), 392-396 (detailed letter from id.). 1856; ÖBW 6: 87. 1856 (member Leopoldina, surname Webb); Verh. bot. Ver. Prov. Brandenburg 50: cxxxvi. 1909 (d. 17 Feb 1909); Nat. Nov. 31: 192. 1909 (d.).

Bolle, C., *in* W.J. Hooker, J. Bot. Kew Gard. Misc. 4: 59-62. 1852 (Notes on the botany of the Cape Verde Islands, extracted from a letter of Dr. C. Bolle to William Willson Saunders 10 Nov 1851), 5: 20-24. 1853 (letter to Webb on Fuertaventura and Lanzarote); Bonplandia 1(8): 75-76. 1853 (letter to Webb on his trip to Cape Verde Islands); Bull. Soc. bot. France 12: 124-132. 1865 (Petit supplément à la flora de l'île d'Ischia); Offene Hand den Vögeln, Berlin, dem 9. Jan 1891 (printed poem on birds, *Copies*: B, FAS(B)).

Candolle, Alph. de, Phytographie 398. 1880.

Parlatore, F., Coll. bot. Florence 17-18. 1874.

Salinger, S. and H. Strehlow, Arch. Nat. Hist. 18(2): 251-254. 1991 (on B's travels to the Cape Verde and the Canary Islands).

Schneider, B., Veröff. Naturk.-Mus. Leipzig 5: 51-64. 1988 (on letters von A.E. Brehm to B.).

Schwerin, F. von, Mitt. deut. dendrol. Ges. 18: 341-343. 1909 (obit.), 26: 270-271. 1917 (on the Insel Scharfenberg, Arboretum).

Steinberg, C.H., Monogr. Biol. Canar. 4: 32. 1973 (autographic label).

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COMPOSITE WORKS: (1) *Die Palmen*, eds. 1-2, 1857-1863, German translation of B. Seemann, *Pop. hist. palms*, see TL-2/11.604.
(2) Preface and brief biography, *in* K.H.C. Koch, *Bäum. Griechenl.* 1879, see TL-2/3798.
(3) Provided collections for J.P.F.C. Montagne, *Florula gorgonea*, Paris 1860, see TL-2/6260.

21.915. *Die Palmen der Canarischen Inseln* ... Bonplandia 1854. Oct.
Publ.: 1 Dec 1854, *in* Bonplandia 2: 270-277. 1 Dec 1854 (no reprint seen).

21.916. *Die Scrophularien der Canarischen Inseln*, ein Beitrag zur Floren-Kenntniss dieses Archipels ... Aus den Verhandlungen der k.k. zoologischen-botanischen Gesellschaft in Wien ... 1861. Oct.
Publ.: 1861 (read 3 Apr 1861; Bull. Soc. bot. France rd. Dec 1861, rev. Jan 1862), p. [1]-16. *Copies*: B, G. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 11: 193-208. 1861.
Note: See also his *Addenda ad floram Atlantidis*, praecipue Insularum canariensium Gorgadumque, Bonplandia 7: 238-246, 293-298. 1859, 8: 130-136, 279-287. 1860, 9: 50-55. 1861.

21.917. *Ruthea* eine neue Umbelliferengattung ... Berlin (Druck von Hermann Müller) 1862. Oct.
Publ.: 20 Dec 1862 (in journal), p. [1]-8, *pl. 1-2* (uncol. liths. G. Schweinfurth). *Copies*: B, G. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 3: 171-177, *pl. 1-2*. 1862. – See ING 3: 1539. 1979, Ruthea Bolle non Opatowski 1836.
Ref.: Fournier, E., Bull. Soc. bot. France 10(6): 442-443. Jan 1864 (rev.).

21.918. Die *Standorte der Farrn auf den Canarischen Inseln* pflanzen-topografisch geschildert ... [I-IV] ... Zeitschr. d. Gesellsch. f. Erdk. ... [1864-1866]. Oct.
Publ.: *1*: 1864 (Bull. Soc. bot. France rd. by 11 Nov 1864), *in* Berliner Z. allg. Erdkunde 14: 290-334. 1864.
2: Dec 1864 (Bull. Soc. bot. France rd. by 13 Jan 1865), *in* id. 15: 249-282. Dec 1864.
3: 1866, p. [209]-238. *Copy*: B. – Reprinted and to be cited from Z. gesellsch. Erdkunde ser. 2. 1: 209-238. 1866.
4: 1866, *in* id. 1: 273-287. 1866.
Ref.: Anon., Bull. Soc. bot. France 11(Bibl.): 218, 284-285. 1864 (rev. nos. 1 and 2), 14(Bibl.): 42-43. 1867 (rev. nos. 3 and 4).

21.919. *Salix daphnoides x argenteo-repens* und Salix pentandra var. nana, zwei neue Weidenformen Pommerns ... [Verhandlungen des botanischen Vereins für die Provinz Brandenburg 1863 [i.e. 1864]]. Oct.
Publ.: 20 Mai 1864 (in journal), p. 183-187. *Copy*: B. – A small number of tearsheets were distributed; from Verh. bot. Ver. Prov. Brandenburg 5: 183-187. 1864.

21.920. *Sopra una nuova specie italiana di Tazetta* (Narcissus Aschersonii) ... Estratta dagli Atti della Società italiana di scienze naturali ... [Milano (Tip. Bernardoni) 1865]. Oct.
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Ref.: Anon., Bull. Soc. bot. France 13(Bibl.): 7-8. 1866 (rev.).

21.921. *Weiteres über die fortschreitende Verbreitung der Elodea canadensis* ... [Verhandlungen des botanischen Vereins für die Provinz Brandenburg ... 1868]. Oct.
Publ.: 30 Mai 1868 (in journal), p. 137-149. *Copy*: B. – A small number of tearsheets were distributed; from Verh. bot. Ver. Prov. Brandenburg 9(3): 137-149. 1868.

21.922. *Zur Feier des fünfzigjährigen Bestehens des Vereins zur Beförderung des Gartenbaues* in den Königl. Preussischen Staaten ... Berlin ... 1872. Oct. (*Feier 50-j. Best. Ver. Gartenb.*).
Publ.: 23 Jun 1912 (date on t.p.), p. [1]-18. *Copy*: B.

21.923. *Ein Wort zu Gunsten des Dendrologischen Gartens* bei allen Baumfreunden und Baumfreundinnen, insbesondere Berlins und der Mark Brandenburg, eingelegt ... Berlin (Druck der Druckerei der "Berliner Börsen-Zeitung" (L. Metzoldt)). 1877. Oct.
Publ.: Jan 1877 (in journal), p. [1]-24. *Copy*: B. – Reprinted and to be cited from Monatsschr. Ver. Beförd. Gartenbaues Kön. Preuss. Staaten 20(1): 11-33. 1877.

21.924. Ein paar Worte über *Pinus mitis*, Mchx., eine zwar nicht neue, aber wenig bekannt gebliebene nord-amerikanische Kiefer ... Separat-Abdruck aus der Monatsschrift des Vereins zur Beförderung des Gartenbaues in den königlichen preussischen Staaten ... 1879. Oct.
Publ.: Mai 1879 (in journal, p. 7 text dated 26 Feb 1879), p. [1]-7. *Copy*: G. – Reprinted and to be cited from Monatsschr. Ver. Beförd. Gartenbaues Kön. Preuss. Staaten 22(5): 222-228. Mai 1879.

21.925. Andeutungen über die freiwillige *Baum- und Strauchvegetation* der Provinz *Brandenburg* ... Berlin (Buchdruckerei von H. Theinhardt, ...) 1886. Oct. (*Baum- Strauchveg. Brandenburg*).
Publ.: 1886, cover-t.p., p. [1, t.p.]-80. *Copy*: B. – Text on cover-t.p. more elaborate: "Märkisches Provinzial-Museum der Stadtgemeinde Berlin. Eintheilungsplan der Botanischen Abtheilung (Abtheilung A-II des Gesammtplans). *Baum- und Strauchvegetation*. Im Auftrage der Städtischen Behörden verfasst von Dr. Carl Bolle, Mitglied des wissenschaftlichen Beiraths des Museums. *Erste Ausgabe*. Berlin 1886 [Statt handschriftlicher Mittheilung].
Ed. 2: 1887, p. [1]-115, [116]. *Copies*: B, G. – Zweite vermehrte und verbesserte Ausgabe.

Berlin (Verlag des Märkischen Provinzial-Museums). – Note: p. [1] is also the cover-t.p.
Ref.: Malinvaud, E., Bull. Soc. bot. France 35(Bibl.): 61-62. 1888 (rev. ed. 2).

21.926. *Zur Variabilität der Eiche in der Mark* ... [Separatabdruck aus den Abhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1891] Oct.
Publ.: 28 Feb 1891 (in journal), p. [i, identif.], [236]-244. *Copy*: G. – Reprinted and to be cited from Abh. bot. Ver. Prov. Brandenburg 32(2): 236-244. 1891.

21.927. *Flora insularum* olim *Purpurariarum*, nunc Lanzarote et Fuertaventura cum minoribus Isleta de Lobos et la Graciosa in Archipelago Canariensi ... [Separat-Abdruck aus Engler's botanischen Jahrbüchern ... Leipzig (Wilhelm Engelmann) 1891]. Oct.
Publ.: 15 Sep 1891 (in journal), cover [identif.], p. [i, recto of 230, title], [230]-257. *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 14(3): 230-257. 1891.
Addition: 1892, p. [1], *Omissa et addenda ad Florulam* ..., *in* Bot. Jahrb. 15, 1892, loose addition, a single unnumbered page [see Bot. Centralbl. 51: 89], original mss. at B.
Ref.: Blake, S.F., Floras of the world 1: 87-88.

21.928. *Dianthus Laucheanus* Ble [Bolle]. Ein neuer Nelkenbastard ... Separatabdruck aus den Abhandlungen des Botanischen Vereins der Provinz Brandenburg ... [1892]. Oct.
Junior author: Paul Friedrich August Ascherson (1834-1913), see TL-2/1: 72-77 and suppl. 1: 186-195.
Publ.: 12 Apr 1892 (in journal), p. [102]-105. *Copy*: B. – Reprinted and to be cited from Abh. bot. Ver. Prov. Brandenburg 33(2): 102-105. 1892.

21.929. *Botanische Rückblicke auf die Inseln Lanzarote und Fuertaventura* ... Leipzig (Wilhelm Engelmann) 1892. Oct.
Publ.: 2 Aug 1892 (in journal), cover-t.p., p. [i, title, recto of 224], [224]-261. *Copies*: B, G. – Reprinted and to be cited from Bot. Jahrb. 16(2): 224-261. 1892.

Bolle, Friedrich Franz August Albrecht (1905-x), German (Potsdam born) botanist, studied botany at the University of Berlin, student of Diels at the Botanical Garden and Museum Berlin, Dr. phil. Berlin 1934, assistant at the Botanical Museum 1933-1934, id. with Harms at the Preussische Akademie der Wissenschaften; on active service 1941-1946, scientist at the Pflanzenschutzamt in Kiel 1946-1970. (*F. Bolle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 213; Hortus 3: 1189.

BIOFILE: Reed, C.F., Bibl. fl. S.E. Asia 16. 1969.
Zepernick, B. and F.K. Timler, Englera 1: 31-32. 1979 (b. 13 Aug 1905, Potsdam, biogr. sketch).

COMPOSITE WORKS: (1) *Resedaceae*, *in* Engler, A. and K.A.E. Prantl, *Nat. Pflanzenfam.* ed. 2. 17b: 659-692. 1936.

21.930. Eine *Übersicht* über die Gattung *Geum* L. und die ihr nahestehenden Gattungen ... Dahlem bei Berlin (Verlag des Repertoriums, ...) 1933. Oct. (*Übers. Geum*).
Publ.: 1 Mar 1933 (date on t.p.), cover-t.p., p. [i], [1]-119. *Copies*: U; IDC 746/392-394.

21.931. "*Varietas typica*" ... Aus Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem ... 1937. Oct.
Publ.: 30 Jun 1937 (date on reprint), p. [524]-530. *Copy*: FAS(B). – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin 13(119): 524-530. 1937. – Proposal to amend the international rules of nomenclature, submitted to the Stockholm International Botanical Congress, then scheduled for 1940 [held 1950].

Bolle, Johann [Giovanni] (1850-?), Triest born viniculturist and agriculturist at the Experiment Station for viniculture at Gorizia (Görz, Goritz) in Slovenia. (*G. Bolle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 289; LS 3252-3263, 31.316-31.329; LS suppl. 3129-3130; Morren ed. 10, p. 35; Rehder 5(index): 97; Saccardo 1: 32; Tucker 1: 93.

COMPOSITE WORKS: (1) Senior author with F. Thümen of *Contribuzioni allo studio dei funghi del Litorale* 1877-1885, see TL-2/14.313. – Reviews by N.L., Bot. Zeit. 36(21): 336. 24 Mai 1878, 39: 483. 1881.

Bolle, Pierette Cornelie (1893-1945), Dutch phytopathologist, studied at the University of Utrecht, Dr. phil. ib. 1924, assistant at the Centraalbureau voor Schimmelcultures, Baarn, Netherlands 1924-1925, scientist with the Java Sugar Experiment Station at Cheribon 1925-1930, id. with the Java Sugar Experiment Station at Pasuruan, E. Java 1930-ca. 1943, died in a concentration camp at Semarang, Java 1945. (*P.C. Bolle*).

HERBARIUM and TYPES: BO, PAS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 213; IH 2: 83; Kew 1: 289; LS suppl. 3133; SK 1: 70 (main source); Stevenson p. 1236.

21.932. *Die durch Schwärzepilze* (Phaeodictyae) *erzeugten Pflanzenkrankheiten.* Proefschrift tot het verkrijgen van den graad van Doctor in de Wis- en Natuurkunde aan de Universiteit te Utrecht, ... volgens besluit van den Senaat der Universiteit tegen de bedenkingen van de Faculteit der Wis- en Natuurkunde te verdedigen op Woensdag 16 April 1924 des namiddags te 4 uur ... Amsterdam (N.V. Lithotyp) 1924. Oct. (*Schwärzepilze erz. Pflanzenkrankh.*).
Publ.: 16 Apr 1924 (date of defense thesis), cover-t.p., p. [1]-77, *pl. 1-3* (uncol.). *Copies*: L, U.

Bolleter, Eugen (1873-1922), Swiss botanist, educated on primary and secondary schools in Zürich 1880-1889, at the Lehrerseminar in Küssnacht 1889-1893, teacher at a primary school in Buchs 1893-1894, at the University of Zürich 1894-1896, secondary school teacher in Zürich 1898, Dr. phil. 1898. (*Bolleter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 231 (b. 13 Mai 1873, d. 27 Sep 1922); SBC p. 116.

BIOFILE: Bolleter, E., Bilder und Studien von einer Reise nach den Kanarischen Inseln viii, 177 p., 1910.
Kübler, F., Vierteljahrsschr. Naturf. Ges. Zürich 67: 420-421. 1922 (obit., publ., b. 13 Mai 1873, Adliswil, d. 27 Sep 1922, Zürich).
Wangerin, W., Bot. Jahresber. 53(Abt. 2): 81-82. 1929.

21.933. *Fegatella conica* (L.) Corda. Eine morphologisch-physiologische Monographie. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Hohen philosophischen Fakultät (Mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Leipzig (Verlag von Georg Thieme) 1905. Oct. (*Fegatella con.*).
Publ.: 1905 (Nat. Nov. Dec (1) 1905), cover-t.p., p. [i-v], [1]-82, *pl. 12-13* (uncol.). *Copies*: B, G, L. – Preprinted from Beih. Bot. Centralbl. 18(I): 327-408. 1905.

***Bolton, James** (ca. 1758-1799), British (Halifax, Yorkshire) self-taught botanist, acting in the weaving trade, at Halifax, Yorkshire, especially interested in mycology, also artist and engraver for his own publications. (*Bolton*).

HERBARIUM and TYPES: Not known; see text in TL-2/1: 264. – Hunt Institute has 229 watercolors found as "The primary sketches from nature to Bolton's history of funguses".

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 340 (index); Backer p. 73; Barnhart 1: 214; BM 1: 192; Desmond p. 74 (q.v. for further biogr. refs.); DNB 5: 327-328; Dryander 3: 137, 220, 225; Frank 3(Anh.): 12; Henrey 3: nos. 464-465; Hortus 3: 1189; HU 742 (also 2(1): clxxvi, cciv); IF p. 682; Jackson p. 239, 252, 344; Kew 1: 290; Lenley p. 448 (letter to Torrey); LS 3294-3295; NAF 1(1): 135. 1949, 9(6): 430; NI 194-196, Nachtr. p. 21; PR 961-962, ed. 1: 1078-1079; Rehder 1: 395; Stevenson p. 1236; TL-2/1: 264-266 and see indexes; Zander ed. 10, p. 637, ed. 11, p. 724.

BIOFILE: Allen, D.E., Victorian fern craze 1-2, 7. 1969.
Baker, G., Bot. Trans. Yorksh. nat. Union 1: 201. 1891.
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Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 73.1, 74.1, 229.180, 331.2. 1980.
Crossland, C., An eighteenth century naturalist. Halifax. 1910
Crump, W.B., The Halifax Naturalist 6: xlviii-liv. 1902.
Crump, W.B. and C. Crossland, Fl. Parish Halifax xlviii-liv. 1904.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 447. 1877.
Freeman, R.B., Brit. nat. Hist. Books 1495-1900. nos. 370-372. 1980.
Junk, Catalogue 206: no. 34. 1977 (on a mss. *Genera muscorum*).
Lisney, A.A., Bibl. Brit. Lepidopt. 1608-1799: 278-283. 1960 (bibl., portr.).
Moorhouse, S., J. Bot. 79: 156-158. 1941 (on James and Thomas B.).
Nelson, E.C., Naturalist, Yorkshire 1981: 141-147 (on his bot. paintings and ills.; also assoc. with Ehret).
Nissen, C., Illustr. Vogelbücher 93. 1953 (Huxmonia turalis).
Rix, M., The art of the botanist 142, 143. 1981.
Shear, C.L., Trans. Brit. mycol. Soc. 17: 302-307. 1932 (on USDA mss. of B's *Icones fungorum*).
Stafleu, F.A., *in* L'Héritier, Sertum angl. facs. ed. 1963, p. xxvii.
Turner, Halifax books and authors 60-61. 1906.
Watling, R., B.S.E. News 26: 10-11. 1978, 28: 7-8. 1979; Arch. nat. Hist. 10(1): 89-110. 1981 (J.B. "mycological pioneer", major source).
Withering, J., Misc. tracts 1: 9. 1822.
Woodward, J., *in* Hist. Coll. Nat. Hist. Depts. Brit. Mus. 1: 25, 30. 1904.
White, J.J., Newsletter Soc. Bibl. nat. Hist. 13: 10. 1981, 14: 17. 1982.

***Bolus, Harry** (1834-1911), British born South African businessman and botanist, educated at Castle Gate School, Nottingham, went to Grahamstown 1850, moved to Port Elizabeth 1852, settled in Graaff-Reinet 1855-1869, mathematics teacher at Graaff-Reinet College, started on botany 1864, moved to Cape Town 1875 joining his brother in a firm of stockbrokers, also collecting widely over South Africa, honorary D. Sc. by the University of the Cape of Good Hope, founded a chair of botany in the South African College 1902 (later designated Harry Bolus Chair of Botany). (*Bolus*).

HERBARIUM and TYPES: BOL, further material at B, BCL, BM, BR, C, COI, E, F, FI, G, GRA, HH, K, L, LE, LY, M, MANCH, NH, NU, P, PRC, PRE, S, SAM, STE, TCD, UPS, VT, W, WRSL, WU, Z.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 394; Barnhart 1: 214; BB p. 37-38; BJI 1: 6, 2: 16; BL 1: 28, 54; BM 1: 192-193, 6: 106; Bossert p. 44; CSP 9: 288, 12: 174, 13: 665; Desmond p. 74; Hortus 3: 1189; IH 2: 84; Kew 1: 291; Morren ed. 2, p. 33, ed. 10, p. 114; NI 197; Rehder 1: 495; RS p. 76; TL-2/1: 266-267 and see indexes; Tucker 1: 94, 140; Urban-Berl. p. 331; Zander ed. 10, p. 637, ed. 11, p. 724.

BIOFILE: Anon., Nat. Nov. 33: 327. 1911 (d.); Kew Bull. 1911: 275-277, 319-322; S.Afr. J. Sci. 8(3): 69-79. 1911 (portr.).
Bolus, H., Gardener's Chronicle ser. 2. 11: 41. 11 Jan 1879 (reprint of text in Cape Argus (n.v.) 5 Nov 1878 on distribution of South African Plants).
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Huxley, L., Life letters J.D. Hooker 2: 4, 10. 1918.
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K.L., J. Bot. 49: 241-243. 1911, 50: 32. 1912.
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Lütjeharms, W.J., The life and work of Harry Bolus, Cape Town 1965 (mimeogr.).
Marloth, H.W.R., Fl. S. Afr. 1: x. 1913 (portr.).
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Pearson, H.H.W., S. Afr. J. Sci. 8: 59-79. 1911 (portr., bibl., itin.); Kew Bull. 1911: 319-322.
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White, A. and B.L. Sloane, The Stapelieae ed. 2. 1: 105, 106, 132, 3: 817, 862. 1937.

21.934. *Sketch of the flora of South Africa* ... Cape-Town (W.A. Richards & Sons, ...) 1886. Oct.
Publ.: 1886 (Bot. Zeit. 30 Jul 1886, Bot. Centralbl. 19-30 Jul 1886), cover-t.p., p. [i, t.p.], map, [1]-32. *Copy*: B. – "Off-print from the 'Official Handbook of the Cape of Good Hope'", 1886, p. 286-317, map. 1886.
Ref.: Alsberg, C.L., Bot. Centralbl. 30(19): 172-177. 1887 (rev.).
Pax, F.A., Bot. Jahrb. 8(Lit.): 28-34. 2 Nov 1886 (rev.).

21.935. *Grundzüge der Flora von Südafrika* ... Mit einem Anhang über die wichtigsten Nutzhölzer Südafrikas. Aus dem Englischen übertragen von Dr. Otto Kersten ... Leipzig (Verlagsbuchhandlung von Quandt & Händel) 1888. Oct. (*Grundz. Fl. Südafr.*).
Translator: Otto Kersten (1839-1900), see TL-2/2: 531.
Publ.: 1888 (Bot. Zeit. 30 Nov 1888, Bot. Centralbl. 19-23 Nov 1888, Nat. Nov. Nov (1) 1888, Flora 21 Nov 1888), p. [i-iv], [1]-43, [44]. *Copy*: U. – German translation of *Sketch of the flora of South Africa* by H. Bolus, published in Official Handbook, Cape of Good Hope, Cape Town 1886 (n.v.).
Ref.: Fritsch, F.E., Bot. Centralbl. 37(5): 150-151. 30 Jan 1889 (rev.).
J., ÖBZ 39: 36-37. 1 Jan 1889 (rev.).

21.936. The *Orchids of the Cape Peninsula* ... Cape Town (Published by the [South African Philosophical] Society) 1888. Oct.
Publ.: 1888, p. [vii, sic]-viii, [75]-200, [201], *pl. 1-36* (col. draw.), *in* Trans. S. Afr. Philos. Soc. 5(1). 1888. – No reprint seen.
Ed. 2: 1918 (preface 2 Jul 1917), p. [i]-xxxiii, 1-142, *pl. 1-119*. 1918. – "Second edition. Edited by Harriet L. Bolus, ... and Alice M. Greene ... Cape Town (Darter Bros & Co.) 1918". *Copies*: L, MO. (*Orch. Cape Penins. ed. 2*).

21.937. *A list of the flowering plants and ferns of the Cape Peninsula*, with notes on some of the critical species ... Transactions of the South African Philosophical Society ... 1903. Oct.

Co-author: Anthony Hurt Wolley-Dod (1861-1948), see TL-2/7: 428-429.
Publ.: Oct 1903 (on cover-t.p.; Nat. Nov. Feb (2) 1904), cover-t.p., p. 207-373. *Copies*: L; IDC microfiche 7163. – Reprinted and to be cited from Trans. S. Afr. Philos. Soc. 14(8): 207-373. 1903.

21.938. *Sketch of the floral regions of South Africa* ... from "Science in South Africa" ... 1905. Oct.
Publ.: Aug 1905 (date on cover-t.p.), cover-t.p., map, p. [1]-42. *Copies*: G, L. – Reprinted and to be cited from Science in South Africa 198-240. 1905.
Ref.: Fritsch, F.E., Bot. Centralbl. 102(47): 569. 27 Nov 1906 (rev.).
Diels, L., Bot. Jahrb. 37(Lit.): 32-33. 27 Feb 1906 (rev.).

21.939. *Contributions to the African flora* ... From the Transactions of the South African Philosophical Society ... 1905[-1909]. Oct.
Publ.: Oct 1905 (date on cover-t.p.), cover-t.p., p. 135-152. *Copy*: L. – Reprinted and to be cited from Trans. S. Afr. Philos. Soc. 16(2): 135-152. 1905.
[*2*]: Dec 1906 (id.), cover-t.p., p. 381-400, *pl. 11* (uncol.). *Copies*: G, L. – Id. 16(4): 381-400, *pl. 11*. 1906.
[*3*]: Dec 1907 (id.), cover-t.p., p. 379-399. *Copy*: L. – Id. 18(3): 379-399. 1907.
[*4*]: *Co-author*: Kensit, Harriet Margaret Louisa (1877-1970), later Mrs. H.M.L. Bolus, see TL-2/1: 267-268, and this supplement, below.
Jul 1909 (id.), cover-t.p., p. 147-163, *pl. 21* (uncol. auct.). *Copy*: L. – Reprinted and to be cited from Trans. Roy. Soc. S. Afr. 1: 147-163, *pl. 21*. 1909.
Ref.: Peter, Bot. Zeit. 67(II): 280. 1 Nov 1904 (rev. no. 4).

21.940. A book of *South African flowers* ... Capetown, Wijnberg, Johannesburg (The Specialty Press of South Africa Ltd.) 1925. Oct. (*S. Afr. fl.*).
Co-authors: D. Barclay and E.J. Steer.
Publ.: 1925, uncol. frontisp. (phot.), p. [i-ix]-xvii, [xix], p. [1]-174, uncol. and col. plates on unnumbered pages. *Copy*: G.
Ref.: Verdoorn, I.C., Kew Bull. 1926(9): 432. 4 Nov 1926 (rev.).

***Bolus, [Harriet Margaret] Louisa** (1877-1970), South-African botanist, née Kensit, niece of Harry Bolus, educated in Erica School, Port Elizabeth, took a teacher's course 1899, at South African College 1900-1902, B.A. honors degree in Arts 1902, herbarium assistant of the herbarium of Harry Bolus 1903-1911, curator id. 1911-1955, married Frank Bolus (son of Harry Bolus). (*L. Bolus*).

HERBARIUM and TYPES: BOL, further material at BM, DBN, GRA, KMG, NBG, PH, PRE, SAM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 214; BJI 2: 16; BL 1: 28, 56; BM 6: 106; Bossert p. 44; Hortus 3: 1189; IH 2: 82; Kew 1: 291; Langman p. 391; TL-2/1: 267-268; Zander ed. 11, p. 724, 772.

BIOFILE: Anon., Kew Bull. 1937(2): 121, (4): 273 (hon. degree by Stellenbosch University).
Bolus, L., Kew Bull. 1938(10): 470-471, *pl. 4*. 1938 (new building Bolus Herbarium).
Glen, H.F., Aloe 13(3): 84, 87. 1975 (portr.).
Gunn, M. and L.E. Codd, Bot. Expl. S. Afr. 97. 1981 (brief biogr. sketch, portr.).
Herre, H., Kakteen u. andere Sukk. 12(1): 1-3. 1961; Genera Mesembryanthemaceae 46-47. 1973 (biogr. sketch).
Levyns, M.R., J. S. Afr. Bot. 36(4): 319-330. 1970 (obit., portr., bibl. by J.P. Jessop).
Lütjeharms, W.J., Tribute to Harriet Margaret Louisa Bolus, Cape Town 1970.
Oliver, F.G.H., Forum botanicum 8: 68-69. 1970 (d. 5 Apr 1970).
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Stieber, M.T. et al., Huntia 4(1): 56. 1981 (letter to A.B. Rendle).

Tölken. H.R., Index herb. austro-afr. 1971.
White, A. and B.L. Sloane, The Stapelieae ed. 2. 1: 133, 2: 390. 1937.

21.941. *Elementary lessons in systematic botany* based on familiar species of the South African Flora with an introduction and eight summaries ... Cape Town (T. Maskew Miller) [1919]. Oct. (*Elem. less. syst. bot.*).
Publ.: 1919 (preface Feb 1919), pl. [1]-96, [i, colophon]. *Copy*: MO.

21.942. University of Cape Town. Bolus Herbarium. *Notes on Mesembrianthemum* and some allied genera with descriptions of a hundred new species ... Cape Town, Wijnberg, Cape (The Specialty Press of S.A. Ltd.) 1928. Oct. (*Notes Mesembrianthemum*).
Publ.: 1 Mar-1 Mai 1928 (loose leaves dated), p. [1]-156. *Copies*: MO, NSW. – A reprint of notes appeared in South African Gardening and Country Life from 1927-1928 (n.v.).

21.943. *Neohenricia* ... Cape Town (Cape Times, Ltd.) 1938. Oct.
Publ.: Apr 1938 (on p. [1]), p. [1]. *Copies*: L, U. – Reprinted and to be cited from J. S. Afr. Bot. 4: 51. 1938. – See ING 2: 1161. 1979.

Bolzon, Pio (1867-1940), Italian (Treviso) botanist, assistant at the Botanical Institute in Bologna late 1888 or early 1889, second assistant at the Botanical Garden of the University of Padua 1897, professor of natural sciences at the R. Scuola normale sup. femminile Rovigo Dec 1898/Jan 1899, professor of natural history at Carrara from 1908. (*Bolzon*).

HERBARIUM and TYPES: FI (main herb., 6716 specim.), further material in PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 244 (b. 21 Jul 1867); BFM 1077-1078; BL 2: 350, 374, 375, 405; CSP 13: 666; DTS 6(4): 78, 116, 117; GR p. 528 (d. 13 Jan 1940); Hortus 3: 1189; IH 2: 84; LS 3301; Saccardo 1: 32, cron. p. xvii; Tucker 1: 766.

BIOFILE: Anon., Bot. Centralbl. 37(6): 191. 5 Feb 1889 (appointed at the Bot. Inst. Bologna), 70(23): 336. 10 Jun 1897 (second asst. at the Bot. Gard. Univ. Padua), 77(5): 176. 25 Jan 1899 (prof. natural sciences at the R. Scuola normale sup. femminile in Rovigo).
Cavillier, F., Boissiera 5: 23-24. 1941.

21.944. *Contributo alla flora della Pianosa* ... Estratto dal Bulletino della Società botanica italiana ... 1892. Oct.
Publ.: 1892 (read 10 Apr 1892), p. [257]-261. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. ital. 1892: 257-261.
Continuation: 1893, in ib. 1893: 164-166.

21.945. *Appunti sulla flora del Trevigiano* ... Estratto dal Bulletino della Società botanica italiana ... 1892. Oct.
Publ.: 1892 (read 10 Apr 1892), p. [263]-269. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. ital. 1892: [261?], 263-269.

21.946. *Contributo alla flora dell' Elba* ... Estratto dal Bulletino della Società botanica italiana ... 1892. Oct.
Publ.: 1892 (read 8 Apr 1892), p. [311]-314. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. ital. 1892: 311-314.
[2]: 1892 (read 12 Jun 1892), p. [356]-361. *Copy*: B. – Id. 1892: 356-361.
Note: See also Rivista Ital. Sci. nat. Siena 12: 45-47, 85-86. 1892 (Bot. Centralbl. 20 Oct 1892).

21.947. *Erborizzaione* all' Isola dell' *Elba* ... Bulletino della Società botanica italiana ... 1893. Oct.
Publ.: [*1*]: 1893 (read 11 Dec 1892), p. [23]-31. *Copy*: B. – Reprinted and to be cited from

Bull. Soc. bot. ital. 1893: 23-31.
[2]: 1893 (read 12 Feb 1893), p. 166-173. *Copy*: B. – Id. 1893: 166-173.
[*3/4*]: 1893 (read 12 Mar 1893), p. [237]-243, [306]-313. *Copy*: B. – Id. 1893: 237-243, 306-313.
[*5*]: 1893 (read 14 Mai 1893), p. [350]-357. *Copy*: B. – Id. 1893: 350-357.
[*6*]: 1893 (read 11 Jun 1893), p. [412]-418. *Copy*: B. – Id. 1893: 412-418.

21.948. *La flora del territorio di Carrara* ... Bulletino della Società botanica italiana ... 1894-1895. Oct.
Publ.: 1894-1895 (in journal), published in Bull. Soc. bot. ital. 1894: 104-112, 146-152, 200-206, 239-244, 259-261, 300-304; 1895: 52-57, 262-256. – No reprint seen.

21.949. *Supplemento generale* al "*Catalogo delle piante vascolari del Veneto*" di R. Visiani e P.A. Saccardo ... Venezia (Tip. Ferrari) 1898. Oct.
Publ.: 1898, cover-t.p., p. [i, t.p.], [ii, identif.], [1]-79. *Copy*: B. – Reprinted and to be cited from Atti R. Ist. Veneto Sci. ser. 7. 9: 431-509. 1898.
Note: For the *Catalogo* see sub P.A. Saccardo, see TL-2/9884.

21.950. *Studio fitogeografico sull' anfiteatro morenico di Ivrea.* Parte 1a e 2a ... Firenze (Stabilimento Pellas ...) 1915. Oct. (*Stud. fitogeogr. anfiteatro moren.*).
Publ.: 1915, cover-t.p., p. [1]-22 (parte 1a), [23]-117 (parte 2a). *Copy*: G. – Published as Append. Bull. 10. de la Société de la Flore Valdôtaine (Siège à Aoste). – See also BL 2: 374.

21.951. *Flora della Provincia di Parma* e del confinante Appenino Tosco-Ligure-Piacentino ... Savona (Stabilimento Tipografico Ricci) 1920. Oct. (*Fl. Parma*).
Publ.: 1920 (date on t.p.), cover-t.p., p. [1]-120, [121-123]. *Copy*: WU. – See also BL 2: 350.

21.952. *Contributo alla flora dell' Alto Adige.* Nota [I]-X, *in* Bull. Soc. bot. ital. 1926: 22-32, and *in* Nuovo Giorn. bot. ital. ser. 2. 34: 192-200. 1927, 35: 97-111, 371-375. 1928, 36: 647-660. 1930, 38: 295-307, 690-697. 1931-1932, 40: 118-126, 553-556. 1933-1934, 42: 227-232. 1935. – Fide BL 2: 405. – No reprint seen.

Bomansson, Johan Oskar (1838-1906), Finnish botanist, sheriff's clerk and landowner in the Åland Islands, specialized in the bryology of Åland. (*Bom.*).

HERBARIUM and TYPES: H (Musci, ca. 8000), further material at B, QK.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 193; Collander p. 40; Collander Hist. p. 38, 40; IH 2: 84; Kew 1: 291; Morren ed. 10, p. 96; Saelan p. 37-38; SBC p. 116; TL-2/9979; Urban-Berl. p. 295.

BIOFILE: Crowder, A.A., Canad. Field-Natural. 88: 51, 54. 1974 (herb. mat. QK).
Elfving, F., Acta Soc. Fauna Fl. fenn. 50: 218. 1921 (brief obit. not.).
Palmén, J.A., Medd. Soc. Fauna Fl. fenn. 33: 123-124. 1907 (obit. not.).
Sayre, G., Bryologist 80(3): 505. 1977 (herb. 8085 nos.).

21.953. *Herbarium musei fennici.* Enumeratio plantarum musei fennici qvam edidit societas pro fauna et flora fennica editio secunda. II. *Musci* ... Helsingforsiae [Helsinki] (Ex officina typographica heredum J. Simetii) 1894. Oct. (*Herb. mus. fenn., Musci*).
Co-author: Viktor Ferdinand Brotherus (1849-1929), see TL-2/1: 359-360 and suppl. 3.
Publ.: Dec 1894-Jan 1895 (preface Nov 1894; by 2 Feb 1895 definitely out, fide P. Isoviita, Rev. Bryol. Mai-Jun 1895), cover-t.p., p. [i]-vii, [viii], [1]-77, 1 col. map. *Copy*: B. – Saelan no. 5.
Ref.: A.G., J. Bot. 33: 96. Mar 1895 (rev.).
Brotherus, V.F., Bot. Centralbl. 64: 219. 13 Nov 1895 (note on publ.).

21.954. *Ålands mossor* ... Helsingfors (Acta Societatis pro Fauna et Flora fennica) 1900. Oct. (*Ålands moss.*).

Publ.: 1900 (mss. submitted 7 Oct 1899), cover-t.p., p. [1]-131. *Copies*: B, U; IDC 8553/98-100. – Issued as Acta Soc. Fauna Fl. fenn. 18(4). 1900. – See also Bot. Centralbl. 84: 319-320. – Saelan no. 12.

Bommer, Charles [Borromée Joseph Paul] (1866-1938), Belgian botanist, son of J.É. Bommer, educated at the Bruxelles Atheneum, subsequently at the University of Brussels, Dr. sci. nat. ib., at the Jardin botanique as lecturer and aide-naturaliste from 1899, curator ib. and full professor at the University 1902, also in charge of the Arboretum of Tervueren from 1902 as well as from 1903 in charge of the Forestry Museum of the Jardin botanique, retired 1930. (*C. Bommer*).

HERBARIUM and TYPES: If any at BR.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 65, 321; Barnhart 1: 214; BJI 2: 16; BM 1: 193; GR p. 693; Kew 1: 292; LS 3302-3307, 31.351; TL-2/11.173; Tucker 1: 94.

BIOFILE: Ainsworth, G.C., Introd. Hist. mycol. 321. 1976.
De Wildeman, É., Bull. Soc. Roy. Bot. Belg. 71(2): 91-99. 1939 (obit., portr., bibl., b. 13 Sep 1866, Bruxelles, d. 21 Mai 1938, Bruxelles).
Georlette, R., Quelques botanistes Belges 61-66. 1949.

21.955. *Note sur le Verrucaria consequens* Nyl. ... Bruxelles (A. Manceaux, ...) 1892. Oct.
Publ.: 1892, cover-t.p., p. [1]-23, *1 pl.* (uncol., auct.). *Copy*: L. – Reprinted and to be cited from Ann. Soc. belg. Microsc. (Mém.) 16: 79-99, *1 pl.* 1892.

21.956. *Sclérotes et cordons mycéliens* ... Bruxelles (F. Hayez, Imprimeur de l'Académie Royale de Belgique ...) 1894. Qu. (*Sclérot. cord. mycél.*).
Publ.: 1894 (read 15 Dec 1893, cover-date 1894); cover-t.p., p. [1]-116, *pl. 1-6* (5 uncol., 1 col.). *Copies*: BPI, L. – Issued also in Mém. cour. Savants Étrang. Acad. Roy. Sci. Belg. 54, 1894.
Ref.: Fischer, Bot. Zeit. 53(II): 257-258. 16 Aug 1895 (rev.).

21.957. *Les causes d'erreur dans l'étude des empreintes végétales* ... Bruxelles (Hayez, Imprimeur des Académies royales de Belgique ...) 1903. Qu. (*Causes err. empreint. vég.*).
Publ.: 1903, cover-t.p., p. [1]-32, [33], *pl. 1-2* (uncol. phot.), *3-10* (photoliths.). *Copy*: L. – Issued in Nouv. Mém. Soc. Belge Géol., Bruxelles fasc. 1, 1903 (in quarto).

21.958. *Projet d'une étude détaillée de la géographie botanique de la Belgique* ... s.l.n.d. [1905]. Oct.
Co-author: Jean Massart (1865-1925), see TL-2/3: 358-359.
Publ.: 1905, p. [1]-7. *Copies*: G, L. – Summary of a longer paper with the same title in Bull. Soc. roy. Bot. Belg. 42(2): 37-53. 1905.

21.959. *L'arboretum de Tervueren.* (Conférence faite le 8 Juillet 1929 à Nancy ...) ... Bulletin de la Société des Amis et anciens élèves de l'école nationale des eaux et forêts ... [1930]. Oct. (*Arboretum Tervueren*).
Publ.: 1932, cover-t.p., p. [1]-21, [23], *pl. 1-14* (phot. with text). *Copy*: U. – Issued as Bull. Soc. Amis Anc. Élèv. Écol. nation. Eaux et Forêts Nancy 11, 1930.

***Bommer, Jean-Édouard** (1829-1895), Belgian pteridologist, self-taught botanist, curator of the collections of the Jardin botanique de Bruxelles 1855, id. at the Jardin botanique national de Belgique from 1870, also from 1855 curator of the collections of the Société royale d'Horticulture de Belgique, from 1872 professor of botany at the University of Bruxelles. (*J. Bommer*).

HERBARIUM and TYPES: BR, further material in FI, K, L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 215 [Joseph Édouard] (b. 17 Nov 1829, Bruxelles, d. 19 Feb 1895, Bruxelles); BM 1: 193; CSP 1: 470, 7: 214, 12: 99, 13: 668; IF p. 682; IH 2: 84; Jackson p. 150, 417, 502; JW 1: 452; Kew 1: 292; Langman p. 147; Rehder 5(index): 98; TL-2/1: 268-299 and see indexes; Tucker 1: 94.

BIOFILE: Anon., Bull. Soc. bot. France 18(Bibl.): 192. 1872 (apptd. prof. bot. Univ. Bruxelles), 41: 624. 1895 (d. 19 Feb 1895); Rev. Hort. Belge Étrang. 21: 72. 1895 (d.); Fiddlehead Forum 8(2): 15. 1981 ("Who's who in Pteridia").
Bommer, J.E., Bull. Soc. roy. Bot. Belg. 9: 418-455. 1870 (Notice sur le Jardin botanique de Bruxelles, mainly on the acquisition of the Martius Herbarium for BR, 63.000 specimens).
Crépin, F., Manuel lxv, lxix. 1860; Guide 431. 1878.
De Wildeman. É., Bull. Soc. belge Microsc. 21: 68-69. 1895 (obit.).
Errera, L., Bull. Soc. roy. Bot. Belg. 34: 7-21. 1895 (portr., bibl.).
Lawalrée, A., Bull. Jard. bot. nat. Belg. 49: 65-76. 1979 (seven letters by B. to S.-R. Lenormand; biogr. info.); Bull. Soc. roy. Bot. Belg. 112: 3-6. 1979 (on his work on ferns, *Monographie des Fougères* 1867, see TL-2/639).
Morton, C., Amer. Fern. J. 61(2): 70-71. 1971 (Adiantum mss. by B. at US).
Wittrock, V.B., Acta Horti Berg. 3(2): 87. 1903, 3(3): 73. 1905 (on portr.).

COMPOSITE WORKS: (1) Contributed *Fungi* (with Rousseau), *in* Th.A. Durand and H. Pittier, *Prim. fl. Costaric.* 1(3): 81-96. 1896. – See TL-2/1592.
(2) Idem *Filices* (with H. Christ), *in* id. 1(3): 97-179. 1896.

NOTE: *Monographie de la classe des Fougères* 1867, TL-2/630, also available as IDC 7164.

21.960. *Note sur le Gagea spathacea*, plante nouvelle pour la flore belge ... Académie Royale de Belgique ... [1856]. Oct.
Publ.: Aug 1856 (reprint at BR signed by author 19 Aug 1856), p. [1]-3. *Copy*: BR. – Reprinted and to be cited from Bull. Acad. roy. Belg., Sci. 23: 756-757. 1856.

21.961. *Note sur les poils des fougères* et sur les fonctions de ces organes ... [Extrait des Bulletins de la Société royale de Botanique de Belgique ... [1862]. Oct.
Publ.: 1862 (in journal), p. [1]-13. *Copy*: BR. – Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 1(1): 91-101. 1862.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 21(19): 153-154. 8 Mai 1863 (rev.).

21.962. *Des matières colorantes des feuilles* ... Extrait du Bulletin du Congrès International de Botanique et d'Horticulture ... 1865. Oct.
Publ.: 1865 (read at Amsterdam Apr 1865), p. [1]-8. *Copy*: G. – Reprinted and to be cited from Bull. Congr. Int. Bot. Hortic. Amsterdam 410-417. 1865 (see also p. 154-157).

21.963. *Considérations sur la panachure et la coloration des feuilles* ... Gand (Imprimerie C. Annoot-Braeckman, ...) 1867. Oct.
Publ.: 1867 (text signed p. 14: 5 Sep 1866), p. [1]-14. *Copy*: G. – Reprinted and to be cited from Arch. cosmolog., éd. Alphonse Dubois, 1: 13-25. 1867.
Ref.: Anon., Bull. Soc. bot. France 14(Bibl.): 168-169. 15-31 Dec 1867 (rev.).

21.964. *Les platanes* et leur cultures ... Bruxelles (Mayolez, libraire-éditeur ...) 1869. Oct.
Publ.: Apr-Jun 1869 (Soc. bot. France rd. copy 10 Aug-12 Nov 1869), p. [1]-24, *pl. 1-2* (uncol. liths.). *Copies*: G, L. – Reprinted and to be cited from Ann. Hort. Belgique 3(7): 117-124, *pl. 1-2*. Apr, 3(8): 137-143. Mai, 3(9): 153-159. Jun 1869.
Ref.: Anon., Bull. Soc. bot. France 16(Bibl.): 181. late Nov-early Dec 1869 (brief rev.).

21.965. *Notice sur le Jardin botanique de Bruxelles* ... Gand (Imprimerie C. Annoot-Braekman, ...) 1871. Oct.

Publ.: 1871, p. [1]-31. *Copy*: G. – Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 9: 418-444. 1870. – *Note*: The reprint consists also of "Acquisition du jardin botanique de Bruxelles" by B.-C. Du Mortier (p. 33-41) and "Rapport fait au Sénat ..." (p. 42-43). Reprinted respectively from id.: 445-453, and 454-455. On p. [5] of the reprint it reads "Extrait du Bull. ... p. 406-418" [sic]. (See e.g. Tucker p. 94, citing these wrong pages).

21.966. *Filices novae* ... Bulletin de l'Herbier Boissier ... 1896. Oct.
Co-author: Konrad Hermann Heinrich Christ (1833-1933), see TL-2/1: 500-501.
Publ.: Oct 1896 (in journal), p. [1]-12. *Copies*: S, U. – Reprinted and to be cited from Bull. Herb. Boissier 4(10): 657-675. 1896.

Bonafous, Matthieu (1793-1852), French agronomist and botanist, active on various agricultural establishments in France, sometime director of the Agronomic Institute in Torino, ultimately again France, dealt especially with the improvement of varieties of mulberry and maize (Indian corn). (*Bonaf.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 215 (b. 7 Mar 1793, Lyon, d. 23 Mar 1842 [1852], Paris); BM 1: 193-194; CSP 1: 470-471; GF p. 51; Hortus 3: 1189; Kew 1: 292; Lasègue p. 344, 541; NI 198; Plesch no. 77, 148; PR 965-966, ed. 1: 1081-1087; Rehder 5(index): 98; Saccardo 1: 33, 2: 20; Tucker 1: 94.

BIOFILE: Candolle, Alph. de, Bibl. Univ. Genève, 21 p., Aug 1836 (on *Hist. nat. Maïs*, reprint in L).
Candolle, A.P. de, Mém. souvenirs 413. 1862.
Cap, P.A., Matthieu Bonafous. Lyon 1854 (n.v.).
Duport, Ann. Sci. phys. nat. Lyon ser. 2. 4: xxvi, xlvii. 1852 (obit.).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 448. 1877.
MacPhail, I. *in* G.H.M. Lawrence, ed., Cat. Redout. 38, 62-63 (no. 23). 1963.
Magnin, A., Bull. Soc. bot. Lyon 31: 71. 1906, 35: 32, 65, 71, 124. 1907.

EPONYMY: *Bonafousia* Alph. de Candolle 1844 (ING 1: 218).

21.967. *De la culture des Mûriers*, ... à Lyon (de l'Imprimerie de J.M. Barvet) 1822. Oct. (*Cult. Mûriers*).
Publ.: *Ed. 1*: 1822, p. [1]-55, [56]. *Copy*: G.
Ed. 2: 1824, [iv], 53 p., *pl.* (n.v.).
Ed. 3: 1827, 62 p., *pl.* (n.v.).
Ed. 4: 1840, included in his *Traité de l'éducation des Vers à Soie et de la culture du Mûrier*, viii, 547 p. [ed. 4 on p. 169-271), *5 pl.* (col.). (n.v.).

21.968. *Histoire naturelle*, agricole et économique *du Maïs*, ... Paris (Madame Huzard, ...) Turin (Bocca, ...) 1836. Fol. (*Hist. nat. Maïs*).
Publ.: 1836 (p. 7 signed 25 Nov 1835), p. [i], [1]-181, *pl. 1-5, 5bis, 6-19* (*1-12, 5bis* col. copp. engr., *13-17* uncol. engravings agricultural equipment, *18-19* color printed engr., *pl. 5bis* is after a painting by P.J. Redouté). For further details see MacPhail no. 23. *Copies*: L, U.
Extrait: Sep 1836, by A. Raffenau-Delile, p. [1]-16. *Copy*: U. – Reprinted from Bull. Soc. Agric. Hérault Sep. 1836 (n.v.).
Ref.: MacPhail, I., *in* G.H.M. Lawrence, ed., *A catalogue of Redoutéana*, Hunt Library 1963, no. 23 on p. 62-63.

Bonamy [Bonami], François (1710-1786), French physician and botanist at Nantes, lecturer in botany at the University of Nantes. (*Bonamy*).

HERBARIUM and TYPES: P-JU.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 73; Barnhart 1: 215 (b. 10 Mai 1710, Nantes, d. 5 Jan 1786, Nantes); BM 1: 194; Dryander 3: 142; Hortus 3: 1189; IH 2: 84; Kew 1: 292; LS 3317; PR 997 ("Bonami"), ed. 1: 1089; Rehder 1: 406.

BIOFILE: Anon., Mém. Soc. roy. méd., Paris 1787: 31-34 (fide PR).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 448. 1877.
Stafleu, F.A., *in* Introduction to A.L. Jussieu, Gen. Pl., reprint 1964, p. xxx (herbarium material of B. in P-JU).

EPONYMY: *Bonamia* L.M.A.A. Du Petit-Thouars 1804 (*nom. cons.*), ING 1: 218. 1979.

21.969. *Florae nannetensis prodromus*, additae sunt quaedam stirpes circà alias urbes Britanniae Aremoricae, in Andegavensi, Pictaviensique provinciis, aliisque locis, in quibus autor excursiones fecit, sponte nascentes ... Nannetis [Nantes] (ex Typographia Brun, natu majoris, folius Regis Typographi & Bibliopolae, in vico vulgo dicto de Gorges) 1782. Duod. (*Fl. nannet. prodr.*).
Publ.: 1782, p. [ii*-iii*], i-xvi, 1-126, [127-128, errata]. *Copy*: G.
Addenda: 1785, p. [1]-14. *Copy*: G. – *Addenda ad florae nannetensis prodromum* ... Nannetis (Ex Typographia Brun, ...).
Note: A flora of the Province de Bretagne, le Poitou and l'Anjou.

Bonaparte, [Prince] **Roland Napoléon** (1858-1924), French botanist (pteridologist), grandson of Lucien Bonaparte, second brother of Napoleon I, at the military school of St. Cyr, graduated 1879, commissioned lieutenant 1879-1886, from 1886 private citizen devoting himself to science, travelled widely, e.g. in N. America 1887 and 1893, set up a pteridological herbarium of some 300.000 specimens, published, mainly on ferns, lavishly; member of the Institut de France. (*Bonap.*).

HERBARIUM and TYPES: Pteridological herbarium at P, other cryptogams at PC, phanerogam collections in LY. – Further material at B (extant), BAF, NY (ca. 500), TAN. – *Note*: The Bonaparte herbarium contained that of Georges Rouy, see TL-2/4: 946. Bonaparte's daughter offered the herbarium of her father in toto to P; this institution accepted only the vascular cryptogams, and the major part of the herbarium came to LY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 215 (b. 18 Mai 1858, d. 14 Apr 1924); BM 1: 195, 6: 107; Hortus 3: 1189; IF suppl. 2: 34, 3: 202; IH 2: 84; Kew 1: 292; Rehder 2: 888; TL-2/see indexes; Urban-Berl. p. 319.

BIOFILE: Anon., Hedwigia 45(Beibl.) (5): (205). 1906 (Georg Rouy herbarium acquired by B.); Nat. Nov. 29: 154. 1907 (elected "Académicien libre" at Acad. Sci. Paris), 46: 96. 1924 (d.); Kew Bull. 1924(4): 172-173 (obit.); Nature 113: 616, 755. 1924; Amer. Fern J. 14: 97-98. 1924 (obit.), 16(2): 55-56. 1926 (on *Notes Ptérid.*).
Beauverie, M.J., Soixante-huitième Congrès des Sociétés savantes 1935, p. 208 (on herb. B. at LY, general herb. (without Pterid.) 3.000.000 sheets, library of 2000 titles).
Bonaparte, R.N., Les habitants de Suriname. Notes recueillies à l'exposition coloniale d'Amsterdam en 1883, (vii, 226 p., *72 pl.* Paris) 1884; Une excursion en Corse (p. xi, 275, *6 pl.* Paris). 1891.
Lecomte, H., Bull. Soc. bot. France 71: 1041-1047, *pl. 9*. 1924 (obit. not.), (also as reprint with cover-t.p. and p. 1-7, portr.); C.R. Acad. Sci. Paris 181: 753-755. 1924 (on B's coll., library and scientific work).
Reed, C.F., Bibl. fl. S.E. Asia 16. 1969.

21.970. *Fougères* récoltées par M. *Alluaud dans l'Afrique orientale* en 1908-1909, ... Bulletin du Muséum national d'Histoire naturelle ... Paris (Imprimerie nationale) 1911. Oct.
Publ.: 1911 in Bull. Mus. natl. Hist. nat. 17(3): 163-165. 1911. – No reprint seen.

21.971. *Fougères du Congo Belge* de l'Herbier du Jardin botanique de l'État à Bruxelles ... Bruxelles (Goemaere, imprimeur du Roi, éditeur ...) 1913. Oct.
Publ.: Dec 1913 (date on reprint), p. [1]-8. *Copies*: L (three copies). – Preprinted from Bull. Jard. Bot. État Bruxelles 4(1): 31-36. Mar 1914.

21.972. *Fougères d'Afrique* de l'herbier du Muséum. Déterminations du Prince Bonaparte Membre de l'Institut ... Paris (Imprimerie nationale) 1913. Oct.
Publ.: 1913, cover-t.p., p. [1]-9. *Copies*: G, L(2). – Reprinted and to be cited from Bull. Mus. natl. Hist. nat. Paris 19(6): 383-391. 1913.
[2]: 1917, cover-t.p., p. [1]-7. *Copies*: G, L(2). – Reprinted and to be cited from id. 23(1): 42-48. 1917.
Note: Preceded by *Fougères récoltées par M. Alluaud dans l'Afrique orientale*, see above.

21.973. *Filicales et Lycopodiales de la Nouvelle Calédonie* et des Iles Loyalty ... Wiesbaden (C.W. Kreidels Verlag) 1914. Qu.
Publ.: 1914, cover-t.p., p. [31]-56, *pl. 2-4* with text. *Copy*: L. – Reprinted and to be cited from F. Sarasin and J. Roux, Nova Caledonia, Botanique [see TL-2/10.286] 1(1) no. 5: 31-51, *pl. 2-4*. 1914 (*Filicales*) and 1(1) no. 6: 53-56. 1914 (*Lycopodiales*).

21.974. *Notes ptéridologiques* ... Paris (imprimé pour l'auteur) [16 [i.e. 15] fascicles ...] 1915-1925. Oct. (*Notes ptérid.*).
Publ.: *1*: 14 Jul 1915 (date on t.p.), cover-t.p., p. [1]-230.
2: 2 Dec 1915 (id.), cover-t.p., p. [1]-219.
3: 2 Dec 1916 (id.), cover-t.p., p. [1]-27.
4: 19 Mai 1917 (id.), cover-t.p., p. [1]-123.
5: 10 Dec 1917 (id.), cover-t.p., p. [1]-131, [133-135].
6: never published.
7: 14 Oct 1918 (id.), cover-t.p., p. [1]-414, [415]-418, [419].
8: 28 Jun 1919 (id.), cover-t.p., p. [1]-197.
9: 10 Feb 1920 (id.), cover-t.p., p. [1]-78, [79], charts 1-5.
10: 18 Mar 1920 (id.), cover-t.p., p. [1]-354, [355].
11: 14 Jun 1920 (id.), cover-t.p., p. [1]-54, [55-60], *pl. 1-2* (uncol. drawings by C. Houard). – Contains C. Houard, *Les zoocécidies des Ptéridophytes* ...
12: 2 Jul 1920 (id.), cover-t.p., p. [1]-20. – Contains C. Christensen, *New species of Hymenophyllaceae*.
13: 3 Dec 1921 (id.), cover-t.p., p. [1]-304.
14: 23 Nov 1923 (id.), cover-t.p., p. [1]-492.
15: 25 Feb 1924 (id.), cover-t.p., p. [1]-58.
16: 14 Apr 1925 (id.), cover-t.p., p. [1]-221, *pl. 1-8*, 2 maps. – Has on p. [3-4] a list of Bonaparte's publications.
Copies: U.
Ref.: Lecomte, H., C.R. Séances Acad. Sci. 181: 753-755 (séance 23 Nov 1925; Les dernières publications et les collections botaniques du Prince Roland Bonaparte).

21.975. *Fougères de l'Herbier du Muséum* ... Paris (Imprimerie nationale) 1917. Oct.
Publ.: 1917, cover-t.p., p. [1]-7. *Copies*: G(2), L(2). – Reprinted and to be cited from Bull. Mus. natl. Hist. nat. Paris 22(7): 410-416. 1917.
Note: (1) A further publ. by B. in 1917: *A propos d'une fougère trouvée en Espagne*, Bull. Soc. bot. France 64: 54-55. 1917. – No reprints issued.
(2) Idem *Ptéridophytes* de l'Herbier du Muséum *récoltées à Madagascar* par M.M. Waterlot et Decary, Bull. Mus. natl. Hist. nat. Paris 26(6): 541-546. – No reprints seen by us.

Bonar, Lee (1891-1977), American mycologist, born in Belleville, West Virginia, teacher at a preparatory school at Marshall College, West Virginia ca. 1911-1914, at the University

of Michigan 1916-1922 (on active duty 1918-1919), M.A. Michigan 1920, field assistant with U.S.D.A. 1920, Cole Fellow in botany at the University of Michigan 1920-1922, Ph.D. 1922, instructor at the University of California, Berkeley 1922, later professor of botany until 1958. (*Bonar*).

HERBARIUM and TYPES: UC. – Further material at MICH, PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 215; Bossert p. 44; IH 2: 84; Kew 1: 292; LS suppl. 3149-3154; Roon p. 19; Stevenson p. 1236.

BIOFILE: Anon., Madroño 19(4): 124-125, 15 Dec 1967 (portr.); Mycologia index vols. 1-58: 832-833. 1968 (bibl.).
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NOTE: Published, with R.M. Holman and Lucile Roush, *A laboratory guide for a cource in general botany*, New York (John Wiley & Sons) 1925. Oct., 106 p., ed. 2. 1928, ed. 3. 1934, 162 p., ed. 4. 1938, 110 p.

21.976. *An unusual Ascomycete* in the shells of marine animals ... Berkeley, California (University of California Press) 1936. Oct.
Publ.: 25 Sep 1936 (in journal), cover-t.p., p. [i-ii], 187-192, *pl. 22* (on p. 193) (uncol. phot.). *Copy*: U. – Reprinted and to be cited from Univ. Calif. Publ. Bot. 19(5): 187-193 (incl. *pl. 22*). 1936.

21.977. *Fungi from the Galapagos* and other Pacific Coastal Islands ... Proceedings of the California Academy of Sciences ... 1939. Oct.
Publ.: 20 Jul 1939 (in journal), p. [195]-206. *Copies*: L, U. – Reprinted and to be cited from Proc. Calif. Acad. Sci. 22(9): 195-206. 1939.

***Bonati, Gustave Henri** (1873-1927), French (Strasbourg born) pharmacist and botanist, Dr. pharm. Nancy 1918, pharmacist at Lure (Haute Saône), as botanist associated with William Barbey and G. Beauverd at the Boissier Herbarium in Genève. (*Bonati*).

HERBARIUM and TYPES: LA (fide GR), further material at BM, BO, G, L, LAU, MPU, NSW, P, PH, US, W. – New Caledonian plants (collected by Isidore Franc, for collections see IH 2: 206).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 215 (b. 21 Nov 1873, Strasbourg, d. 2 Feb 1927, Lure, Haute-Saône); BJI 2: 16; BL 2: 156; GR p. 307; IH 2: 84; Kew 1: 292; Langman p. 147; LS 31.356; MW p. 48; TL-2/1: 269.

BIOFILE: Anon., Hedwigia (Beibl.) 67(2): (163). 1927 (d.); ÖBZ 77(4): 319. 1928 (herbarium bought by E.D. Merrill, then at Berkeley).
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COMPOSITE WORKS: (1) Contributed to H. Lecomte, *Fl. gén. Indo-Chine*, *Primulaceae*, *in* 3(6): 753-764. 1930, *Solanaceae*, *in* 4(3): 313-336. Sep 1915, and 4(4): 337-341. Jan 1927. – Rev. G. Beauverd, Bot. Centralbl. 128(9): 246. 2 Mar 1915.

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Publ.: 30 Jun 1907 (in journal), p. [i, identif.], [1]-5. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 7(7): 541-545. 1907.

21.979. *Sur quelques plantes de la Nouvelle-Calédonie* ... Extrait du Bulletin de l'Herbier Boissier ... 1907. Oct.
Co-author: Marcel Georges Charles Petitmengin (1881-1908), see TL-2/4: 202.
Publ.: 31 Jul 1907 (in journal), p. [i, identif.], [1]-6. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 7(8): 647-652. 1907.

21.980. *Contribution à l'Étude du genre Mazus Lour.* ... Extrait du Bulletin de l'Herbier Boissier ... 1908. Oct.
Publ.: 31 Jul 1908 (in journal), p. [1]-15. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 8(8): 525-539. 1908.

21.981. *Nouvelles Primulacées, Solanacées et Scrophulariacées asiatiques* ... [Extrait du Bulletin de la Société Botanique de Genève ...] 1913. Oct.
Publ.: early 1914 (read 8 Dec 1913; Allg. bot. Z. 15 Sep 1914), cover-t.p., p. [1]-20. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 5(9): 297-316. 1913.

21.982. Le genre *Pedicularis* L. Morphologie – Classification – Distribution géographique – Évolution et hybridation ... Nancy (Imprimerie Berger-Levrault ... 1918). Oct. (*Pedicularis*).
Publ.: 1918, p. [i, iii, v]-viii, [ix, xi], uncol. draw. frontisp., [1]-168, 1 folded chart. *Copy*: G.

21.983. New species of the genera *Phtheirospermum and Pedicularis* ... Edinburgh (published by his Majesty's Stationery Office ...) 1921. Oct.
Publ.: Nov 1921 (date on cover-identif.), cover (identif.), p. [103]-148. *Copy*: L. – Reprinted and to be cited from Notes Roy. Bot. Gard. Edinburgh 13(63-64): 103-148. 1921.

***Bonato, Giuseppe Antonio** (1753-1836), Italian botanist, professor of botany at the University of Padua, director of the Botanical Garden of the University 1794-1835. (*Bonato*).

HERBARIUM and TYPES: PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 215 (b. 12 Jul 1753, Padova, d. 21 Jun 1836, id.); BM 1: 195; Bossert p. 44; CSP 1: 476; Kew 1: 292; LS 3320-3321; NAF ser. 2. 2: 152; PR 968-970, ed. 1: 1090-1093; Rehder 1: 16; Saccardo 1: 33, 2: 21, cron. p. xvii; TL-2/1: 269.

BIOFILE: Anon., Flora 3(1) Beil. 1: 7-8. 1820 (2 titles).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 283.1. 1980.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 449. 1877.
Gager, C.S., Brooklyn Bot. Gard. Record 27(3): 227. 1938.
Ilg, W., Hoppea 42: 319. 1984 (member Regensb. Bot. Ges. 1803).
Milner, J.D., Cat. Portr. Kew 14. 1906 (portr.).
Müller, R.H.W. and R. Zaunick, Friedr. Traug. Kützing 155. 1960.

21.984. *Pisaura automorpha* e Coreopsis formosa piante nuove ... Padova (per Giovambat-

Publ.: Jan-Jul 1793 (Opusc. Scelti Arti 16: Libri nuovi 5(36). Sep-Oct 1793, Giorn. Fis.-Med. Pavia Nov 1793), p. [i]-xxvii, [xxviii], *pl. 1-2* (uncol. copp.). *Copy*: G.
Ref.: Anon., Neues Mag. Bot. (Römer) 1: 285-287. Apr-Sep 1794 (rev.).

Bonavia, Emanuel (1826-1908), British colonial physician and botanist, M.D. in the Bengal Medical Service 1857, superintendent Lucknow Gardens 1876, from 1885 at Calcutta. (*Bonavia*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 216 (d. Nov 1908, Richmond Road, Worthing, U.K.); BB p. 38; BM 1: 195; CSP 9: 289, 12: 99, 13: 669; Desmond p. 74 (source of our caption); Kew 1: 293; NI 199; Rehder 5(index): 99; Tucker 1: 95; Zander ed. 10, p. 637, ed. 11, p. 724.

BIOFILE: Anon., Gard. Chron., ser. 3. 44: 385. 1908.

21.985. *On the probable wild source of the* whole group of cultivated *true limes* (Citrus acida, Roxb., C. medica, var. acida of Brandis, Hooker and Alph. de Candolle ... Extracted from the Linnean Society's Journal-Botany ... 1886. Oct.
Publ.: 23 Jul 1886 (in journal, read 4 Feb 1886), p. [213]-218. *Copy*: G. – Reprinted and to be cited from J. Linn. Soc., Bot. 22(145): 213-218. 1886.

21.986. *The cultivated oranges and lemons* etc. of India and Ceylon with researches into their origin and the derivation of their names, and other useful information ... London (W.H. Allen & Co., ...) 1888. Oct. (*Cult. orang. lemons*).
Publ.: *Text*: 1888 (Nat. Nov. Feb (2) 1890), p. [i]-xix, [1]-384.
Atlas: Jan-Mar 1890 (Bot. Zeit. 28 Mar 1890), p. [i-v], *plates* with text *i-cclix* (uncol. drawings, with expl. on verso of foregoing pl.).
Copies: G, MO, NY, U.
Reprint: 1973 (n.v.).

21.987. *Philosophical notes on botanical subjects* ... London (Eyre and Spottiswoode, ...) 1892. Oct. (*Philos. not. bot. subj.*).
Publ.: 1892, cover-t.p., p. [i*-ii*], [i]-v, 4[sic]-368. *Copy*: G.

21.988. *The flora of the Assyrian monuments* and its outcomes ... Westminster (Archibald Constable and Company ...) 1894. Oct. (*Fl. Assyr. monum.*).
Publ.: Dec 1893-Jan 1894 (Bot. Zeit. 16 Mar 1894, Nat. Nov. Jan (1) 1894), p. [i*]-vii*, [iii]-xxvi, [1]-215. *Copies*: L, U.
Ref.: Roth, E., Bot. Centralbl. Beih. 4(3/4): 270-271. 1894 (rev.).

Bond, Richard Wallace (1914-1976), Australian botanist, born at Traralgon, at the Victorian School of Forestry, Creswich 1932, sometime in the Service of the Forests Commission, continued studies at Melbourne University, B. Sc. 1941, Bachelor of Commerce 1953, with Snowy Mountains Hydroelectric Authority at Cooma 1954-1965, retired because of blindness. (*R.W. Bond*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 293.

BIOFILE: Willis, J.H., Victorian Nat. 94: 75. 1977 (obit., b. 8 Jun 1914 at Traralgon, d. 6 Jul 1976 at Box Hill, Australia).

21.989. *Victorian ferns*. Descriptions of all the species occuring in the State ... Published by the Field Naturalists' Club of Victoria 1934. Oct. (size). (*Victorian ferns*).
Co-author: Ch. Barrett (honor. edit. Victorian Nat.).
Publ.: 1934, cover-t.p., col. frontisp., p. [1]-64. *Copies*: L, U.

***Bondam, Rutger** (1817-1896), Dutch floristic botanist, living subsequently in Kampen, Harderwijk, Amersfoort and 's Gravenhage. (*Bondam*).

HERBARIUM and TYPES: L and NBV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 216 (b. 1817, d. 7 Aug 1896); BL 2: 430, 438; BM 1: 195; Bossert p. 44; CSP 1: 479, 7: 214, 13: 669; IH 2: 84; JW 1: 439, 451; PR 971; Rehder 1: 391; TL-2/1: 270.

BIOFILE: Boerlage, J.G. and R.P.V. Hoek, Bibl. Fl. Fauna Nederland, *in* Alg. Aardrijksk. Bibl. Nederl. 2: 31, 33. 1975 (lists 6 papers).
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Publ.: 1888, p. [1]-54. *Copies*: KNAW, L, U. – Reprinted and to be cited from Ned. kruidk. Arch. ser. 2. 5(2): 177-230. 1888.

Bondar, Gregório (1881-1959), Brazilian entomologist and botanist, "Consultor Técnico do Instituto Central de Fomento econômico da Baía". (*Bondar*).

HERBARIUM and TYPES: SP, further material at F, POM.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 84; Kew 1: 294; LS suppl. 3159; Stevenson p. 1236.

BIOFILE: Anon., Revista Entom., Rio de Janeiro 14: 313-319. 1959 (bibl., portr.).
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NOTE: (1) Outside our period: *Palmeiras do Brasil* ... São Paulo, Brasil 1964, 159 p. – Issued as Bol. Inst. Bot. São Paulo no. 2.

21.991. *Palmeiras nativas* gênero *côcos* na alimentação dos animais domésticos ... Baía (Secção de publicidade da cooperativa Instituto de Pecuária da Baía) [1939]. Oct.
Publ.: Apr 1939 (date of thesis), cover-t.p., p. [1]-24. *Copies*: L, U.

21.992. Instituto Central de Fomento econômico da Bahia. Boletim n. 4. *Palmeiras na Bahia do genero Cocos* ... Bahia (Tipografia Naval) 1939. Oct. (*Palmeiras Cocos*).
Publ.: 1939, cover-t.p., p. [1]-19, *pl. 1-12* (uncol.). *Copies*: L, U.

21.993. *Importancia economica* das palmeiras nativas do genero *Cocos* nas zonas do interior bahiano ... Bahia (Tipografia Naval) 1939. Oct. (*Imp. econ. Cocos*).
Publ.: 1939, cover-t.p., p. [1]-16, *pl. 1-15*. *Copy*: L. – Issued as Inst. Centr. Fomento Econ. Bahia. Bol. 5.

***Bongard, August Gustav Heinrich** (1786-1839), German botanist and physician, born at Bonn, moved to St. Petersburg, originally as a practicing physician with the St. Petersburg nobility, later botanist with the Academy of Sciences ib. (*Bong.*).

HERBARIUM and TYPES: LE, further material in CAS, CN, H (Steven?), HH, K, LECB (15.000 specim.), M, P, PH (via Ledebour).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 217 (b. 12 Sep 1786, Bonn, d. Nov 1839, St. Petersburg); BL 1: 130; BM 1: 196; CSP 1: 480-481, 7: 214; Frank 3(Anh.): 12; Hortus 3: 1189; IH 2: 85; Jackson p. 63; Kew 1: 295; MW 1: 48-49; Plesch 977-978; PR ed. 1: 1101-1103; Rehder 5(index): 99; TL-2/1: 270-271 and see indexes; TR 149-150; Tucker 1: 95; Zander ed. 10, p. 637, ed. 11, p. 724.

BIOFILE: Anon., Flora 7(2): 511. 1824, 23: 208. 1840; Bot. Not. 1840: 144.
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Herder, F.V., Bot. Centralbl. 55(35): 260, 296. 1893 (colls. LE).
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Lack, H.W. and O. v. Sydow, Willdenowia 13: 414. 1983 (2 letters at UPS-UB).
Lindemann, E.E. von, Bull. Soc. Imp. Natural. Moscou 59(1): 279. 1884.
Lipschitz, S., Florae URSS fontes 2034. 1975.
Ricker, M.G., Proc. Biol. Soc. Washington 21: 16-17. 1908 (dates of St. Petersburg Memoirs).
Shetler, S.G., The Komarov Botanical Institute 32, 46, 47, 57, 58. 1967.

COMPOSITE WORKS: Co-author with C.B. Trinius, *Genera plantarum* 1835, see TL-2/15.171, 15 copies printed, of which one at BM.

21.994. *Essai* monographique sur les espèces d' *Eriocaulon* du Brésil ... [Mém. Acad. Imp. Sci. St. Pétersburg ... 1830]. Qu.
Publ.: Jul 1831 (in journal), p. [1]-54, *pl. 1-10* (uncol.). *Copies*: G, L. – Reprinted and to be cited from Mém. Acad. Imp. Sci. St. Péterb. ser. 6. Sci. math. nat. 1: 601-655, *pl. 1-10*. 1831.
Suite 1: Oct 1832 (in journal), p. [56]-74, *pl. 11-19* (uncol.) *Copy*: G. – Id. 2: 219-237, *pl. 11-19*. 1832.
Suite 2: Aug 1835, no reprint seen. – Id. 3(2): 545-560, *pl. 20-27*. 1835.
Suite 3: Oct 1839. – See below (*Descr. plant. nov.*).

21.995. *Observations sur la végétation de l'île de Sitcha*, ... [Mém. Acad. Sci. St. Pétersb. 1832]. Qu.
Publ.: Aug 1832 (in journal), p. [1]-59, *pl. 1-6*. *Copy*: G. – Reprinted and to be cited from Mém. Acad. Imp. Sci. St. Péterb. ser. 6, Sci. math. nat. 2: 119-177, *pl. 1-6*. 1832 (tearsheet seen from MO).

21.996. *Generis Lacis revisio* speciesque nonnullae novae. Adnexa est Philocrena, genus e Podostemonearum ordine novarum ... [Mém. Acad. Sci. St. Pétersburg ... 1834]. Qu.
Publ.: Jun 1834 (in journal), p. [i], [1]-16. *Copy*: G. – Reprinted and to be cited from Mém. Acad. Imp. Sci. St. Pétersb. ser. 6, Sci. math. nat. 3(2): 69-84. 1834. – See ING 3: 1316. 1979.

21.997. *Observation sur le Sedum verticillatum* L. ... Extrait des Mémoirs de l'Acad. d. Sc. de St.-Pétersbourg ... [1834]. Qu.
Publ.: Jun 1834 (in journal), p. [i], [1]-3, *pl. 1*. *Copies*: G(2). – Reprinted and to be cited from Mém. Acad. Imp. Sci. St. Pétersb. ser. 6, Sci. math. nat. 3(2): 85-87, *pl. 1*. 1834.

21.998. *Esquisse historique* des *travaux* sur la *botanique* entrepris en Russie depuis Pierre-le-Grand jusqu'a nos jours, et de la part que l'Académie a eue aux progrès de cette science ... Extrait du Recueil des Actes de 1834. [St. Pétersbourg 1835]. Qu.
Publ.: 1835 (read 29 Dec 1834), p. [1]-26. *Copy*: G. – Reprinted and to be cited from Recueil Actes Séances publique Acad. Imp. Sci. St. Pétersb. 1834: 83-108. 1835.
Ref.: Johnson, D.E., Huntia 6(1): 21. 1985 (further copies mentioned, refs.).

21.999. *Bauhiniae et Pauletiae* species brasilienses novae ... Extr. des Mém. de l'Acad. Imp. des Sc. de [St. Pétersbourg] 1838. Qu.
Publ.: Mar 1838 (in journal), p. [i], [1]-26, [27-28], *pl. 1-7. Copy*: G. – Reprinted and to be cited from Mém. Acad. Imp. Sci. St. Pétersb. ser. 6, Sci. math. nat. 4(2): 109-136. 1838.
Additional text in this reprint: *Genera duo e Melastomacearum ordine nova* ... see next entry.

22.000. *Genera duo e Melastomacearum* ordine nova ... Extr. des Mém. de l' Ac. Imp. des sc. de [St. Pétersbourg 1838]. Qu.
Publ.: Mar 1838 (in journal), p. [i], [29]-34 (pagination of reprint), *1 pl.* – *Copy*: G. – Reprinted and to be cited from Mém. Acad. Imp. Sci. St.-Pétersb. ser. 6, Sci. math. nat. 4(2): 137-142, *pl.* [*1*]. 1838. – This reprint was issued with the reprint of the *Bauhiniae*, continuing the reprint pagination.

22.001. *Descriptiones plantarum novarum* ... Petropoli MDCCCXXXIX [1839]. Qu.
Publ.: Oct 1839 (text in journal; at Leipzig rd. 22-28 Mar 1840), p. [i], [1]-45, *pl. 1-4, pl. 28-35, 28A*, *pl. 1-9* (uncol.), [1] *Plantae quatuor Brasilienses novae* (title on p. 1), on p. [1]-8, *pl. 1-4*, [2] *Essai monographique sur les espèces d'Ériocaulon du Brésil* on p. [9]-29, *pl. 28-35, 28A* (title on p. 9), [3] *Compositae brasilienses novae* (title on p. [31]), on p. [31]-45, *pl. 1-9. Copies*: G, MO, NY. – Reprinted and to be cited from Mém. Acad. Imp. Sci. St. Pétersb. ser. 6, Sci. math. nat. 5(2): 1-45. 1839.

Bonhomme, Jules (fl. 1858-1880), French botanist at Millau (Aveyron). (*Bonhomme*).

HERBARIUM and TYPES: Herbarium for sale in 1883 (Bull. Soc. bot. France 30: 144. 1883), 3000 species of French plants, phanerogams and cryptogams. Present location not known to us.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 217; BM 1: 196; De Toni 1: xiii; PR 979.

22.002. *Notes sur quelques algues d'eau douce*, ... 1er fragment ... Rodez (De l'imprimerie de Carrère Ainé) 1858. Oct. (*Not. alg. eau douce*).
Publ.: 1858, p. [1]-8, *pl. 1-2* (uncol. liths. auct.), with an "Avis" on a correction stuck on p. 2; deals with a correction of numbers on *pl. 1*. *Copies*: BR, NY.
Ref.: Anon., Bull. Soc. bot. France 5: 663-665. 1859 (rev.).

***Bonner, Charles Edmond Bradlaugh** (1915-1976), British botanist (hepatologist), grew up in London, first at the Bromley and Woolwich Polytechnic schools, finishing in 1934 at the City of London School, studied at the University of Lausanne, Dr. phil. Lausanne 1939 and, at London University, Master of Science 1941, enlisted in the army 1941 trained to be a radar specialist, ultimately acting colonel at the Bristol garrisson 1944, later at the Military College of Science at Shrivenham, discharged from the army 1946, lecturer at the then Leicester Polytechnic, assistant cryptogamist at the Conservatoire botanique de Genève 1947, officially appointed only 1949, curator from 1953. (*Bonner*).

HERBARIUM and TYPES: Mainly at G; plants from Vaud collected before 1940 at LAU.

BIBLIOGRAPHY and BIOGRAPHY: BFM 964; BL 2: 590; IH 2: 85; Kew 1: 296; SBC p. 116; TL-2/1: 271-272.

BIOFILE: Anon., Taxon 25: 436. 1976 (d.); La Suisse 10. Aug 1976 (obit.).
Bischler, H., Rev. bryol. lichénol., ser. 2. 42(4): 1007-1009. 1976 (obit., bibl.).
Jones, E.W., J. Bryol. 9: 575-578. 1977 (obit.).
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Stafleu, F.A., Taxon 26(2/3): 275-283. 1977 (biogr., portr., based on personal information given to F.A.S.)

COMPOSITE WORKS: (1) *Bryophyta* in *Index nominum genericorum plantarum* 1979, 1588 entries.
(2) *Index Hepaticarum* pars I: *Plagiochila* (Dum.) Dum., Weinheim 1962, 340 p., see e.g. P.A. Florschütz, Taxon 11: 205. 1962 and F.A. Stafleu, Taxon 15: 152-153. 1966 (review parts 1-5). – Pars vi: *Goebeliella to Jubula* 1966, vii *Supplementum* A-C (curavit H. Bischler) 1976, viii *Jungermannia* 1976 (text publ.), see Taxon 16: 112. 1977.
(3) *Ebenales*, *in* Encycl. Britt. ed. 15. 1974.

22.003. Université de Lausanne Faculté des Sciences. *Étude floristique du Jorat.* Thèse présentée à la Faculté des Sciences de l'Université de Lausanne pour l'obtention du grade de Docteur-ès-Sciences ... London (Bonner & Co., Ltd.) 1940. Oct. (*Étude flor. Jorat*).
Publ.: 1940, cover-t.p., p. [1]-128. *Copies*: B, G, L. – This thesis was defended (in mss.) in 1939.

Bonnet, Charles (1720-1793), Swiss (Genève) philosopher and naturalist, studied law and philosophy at the Geneva auditorium 1736-1743, Dr. jur. 1743, turned to zoology and botany, member of the Conseil des Deux-Cents 1752-1768. (*Ch. Bonnet*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 20; Barnhart 1: 218 (b. 13 Mar 1720, Genève, d. 19 Apr 1793, Genthod nr. Genève); BM 1: 197; Dryander 3: 383, 394, 642; Kew 1: 296; NI suppl. p. 21; PR 981-983, ed. 1: 1105-1107; Ratzeburg p. 59-63; TL-2/see indexes; Tucker 1: 95.

BIOFILE: Baehni, C., Verh. naturf. Ges. Basel 56(2): 424-430. 1945 (The ideas of Fr. Tingry in the work of Ch. Bonnet).
Bord, J., Aesculape 1938: 7. Mai 1938.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 224.125, 296.15. 1980.
Briquet, J., Bull. Soc. bot. Suisse 50A: 58-61. 1940 (biogr., sources, dedic., publ.).
Burkhardt, R.W., The spirit of system 22, 52, 53, 58, 60, 73, 83-84, 124, 125. 1977.
Candolle, A.P. de, Mém. Soc. phys. Genève 5: 40-41. 1830 (publ.).
Carpenter, M., Amer. Midland Naturalist 33(1): 11. 1945 (further refs.).
Cuvier, G. *in* Cap, P.A., Le Muséum d'histoire naturelle 151-153. 1854.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 450. 1877.
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Lütjeharms, W.J., Gesch. Mykol. 254. 1936 (12 refs.).
Nicolas, J.P., *in* G.H.M. Lawrence, ed., Adanson 1: 378 [index]. 1963.
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***Bonnet, Edmond** (1848-1922), French botanist and biohistorian, born at Beaune (Côte-d'Or), at the Faculté de droit, Dijon 1868-1870, at the École préparatoire de médecine 1870, with the international ambulances in the German-French war 1870-1871, at the Hôpital général de Dijon 1871-1876, Dr. med. 1876, curator at the Muséum d'Histoire naturelle, Botanique 1877, collected widely mainly in N. Africa, assistant professor at the Muséum 1900, retired 1913. (*Bonnet*).

HERBARIUM and TYPES: P, PC; further material (mainly collected with P.N. Doumêt Adanson) in AUT, BR, FI, HH, LY, TCD.

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Bonnet, [Alexis Elzéard] Henri (1823-1892), French botanist and agriculturist in the arrondissement d'Apt. (*H. Bonnet*).

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***Bonnier, Gaston** (1853-1922), French botanist (Paris born), educated at the Lycée Henry IV, studied at the École normale supérieure 1873-1876, teacher at the University 1877-1879, Dr. phil. 1879, Maître de conférences 1879-1887, professor of botany at the Faculté des Sciences 1887-1922. (*Bonnier*).

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22.049. *Nouvelle flore de la Belgique* et du Nord de la France pour la détermination facile des plantes sans mots techniques avec 2282 figures intercalées dans le texte dessinées d'après nature accompagnée d'une carte des régions botaniques ... Bruxelles (Librairie classique J. Lebègue et Cie ...) [1887]. Oct. (*Nouv. fl. Belg.*).

Co-author: Georges de Layens (1834-1897), see TL-2/2: 775.

Publ.: Jun 1887 (BR bought its copy Jun 1887), p. [i*-vi*], [i]-xxxiv, [1]-307, [308-312]. *Copy*: BR. – See also our note on this flora in George de Layens, Nouvelle flore, TL-2/4257.
Ed. 6: 1923, p. [i*-iv*], [i]-xxxii, [1]-309, map. *Copy*: U.

22.050. *Les plantes des champs et des bois*. Excursions botaniques printemps, été, automne, hiver ... Paris (Libraire J.-B. Baillière et fils) 1887. Oct. (*Pl. champs et bois*).
Publ.: 1887 (published in livraisons of 80 p.), cover-t.p., p. [i]-vii, [1]-568, *8 pl.* hors texte, col. (plus 22 uncolored pl. *in* text). *Copies*: G, MO.
Later issue (1): 1902 (ÖBZ Mai 1902), p. [i]-vii, [1]-568, *8 pl. id. Copy*: NY.
Later issue (2): 1919 (printer's mark 7036-19), identical with above except for the t.p. which has no date and lacks the "Excursions ... hiver". *Copy*: B-S.

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Publ.: 1889, cover-t.p., p. [1]-30, *pl. 7*. *Copies*: B, L. – Reprinted and to be cited from Rev. gén. Bot. 1(2): 28-36, (5): 79-84, (9-10): 146-154, (13): 204-211. 1889.

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Co-author: George de Layens (1834-1897), see TL-2/2: 775.
Publ.: *Ed. 1*: Mai-Jun 1894, see TL-2/1: 642 and E. Malinvaud, Bull. Soc. bot. France 41: 320. Jun 1894, Bot. Zeit. 16 Sep 1894, ÖBZ Sep 1894.
Ed. 2: 1900, p. [i]-xxvii, [1]-412, [413-416, incl. map of France and Table des matières]. *Copy*: G.
Ref.: Malinvaud, E., Bull. Soc. bot. France 41: 625-626. 1897.

22.057. *Recherches sur l'anatomie expérimentale des végétaux* ... Corbeil (S.-&-O.) (Imprimerie typographique ...) 1895. Oct.
Publ.: 1894-1895, (a reprint of three independent papers), p. [i-vi, general introduction to the three papers], [217]-360, [1]-23, [1]-56. *Copy*: B.
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II. *Les plantes arctiques* comparées aux mêmes espèces des Alpes et des Pyrenées, Rev. gén. Bot. 6(32-33): 505-527, *pl. 18-20* (uncol. B. Herinq). 1894.

III. *Influence de la lumière* électrique continue sur la forme et la structure des plantes, Rev. gén. Bot. 7(16-17): 241-257, (19-20): 289-306, (21-22): 332-342, (26-27): 409-419, *pl. 6-14* (B. Herinq and Bonnier, uncol), *15* (B. Herinq, col.). 1895.

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Co-authors: Albert Mathieu Leclerc du Sablon (b. 1859), professor of botany at the University of Toulouse. – Fasc. 7(1), 7(2) and 8 with assistance by Raoul Cerighelli.
Publ.: 1901-1933, cover-t.p., p. [i*-iii*], [i]-iv, [1]-2775.
Tome premier, Fasc. 1: 1-384. 1901 (Jan-Feb).
Fasc. 2, 1re Partie: 385-576. 1901.
Fasc. 2, 2e Partie: 577-768. 1902.
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Tome second, Fasc. 4, 2e Partie: cover-t.p., 1329-1504. 1909.
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Copies: G, L(1), MO(1), NY.
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Ref.: Rendle, A.B., J. Bot. 39: 148-149. Apr. 1901 (rev. fasc. 1).
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Publ.: 1917, p. [i]-xii, *pl. 1-64* (on recto and verso), p. [1]-331. *Copy*: MO.

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Publ.: 1920, p. [i-iii], [1]-392. *Copy*: U.
First edition: 1907, same pagination (n.v.).

Bonte, Ludwig (x-1935), German police inspector, amateur botanist interested in adventitious plants especially from the Rheinisch-Westfalen industrial area. (*Bonte*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1179, 1180, 1181; Kew 1: 298; TL-2/10.580.

BIOFILE: Runge, F., Abh. Landesmus. Naturk. Münster Westfalen 29: 31, 34. 1967 ("Polizeirat L. Bonte, Essen (ab 1913) Adventivpflanzen").

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Publ.: 1914, cover (identif.), p. [i, recto of 22, title], 22-41. *Copy*: B. – Reprinted and to be cited from Ber. Versamml. Bot. zool. Ver. Rheinl.-Westf. 1914-D: 22-41. – BFM 1179.

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Other issue, in *Adventivpflanzen im Ruhrgebiet*, Beitr. Landeskunde Ruhrgebiet 3: 3-117. 1930.

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Booberg, Karl Gunnar (1892-1944), Swedish botanist, peat expert and plant geographer, Dr. phil. Uppsala 1930, assistant with the Swedish Geological Service, Stockholm 1924-1925, employed by the Java Sugar Experiment Station, Pasoeroean, group-adviser, Modjokerto 1925-1926, Field Service inspector 1926-1928, assistant director agricultural dept. 1928-1934, director id. 1934-1941, in retirement at Djoenggo, Poenten, E. Java 1941. (*Booberg*).

HERBARIUM and TYPES: BO, PAS, S, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 219; BJI 2: 16; IH 2: 85; Kew 1: 298; LS suppl. 3249-3250; SK 1: 71 (d. 28 Oct 1944), 4: cxxviii.

BIOFILE: Anon., Bot. Not. 1935: 178.
Booberg, G., Tryckta skrifter 4 p. s.d.n.l. (copy L).
Fries, R.E., Short history bot. Sweden 75. 1950.
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Publ.: 1924, p. [81]-112. *Copy*: L. – Reprinted and to be cited from Sv. Mosskult. Tidskr. 2: 81-112. 1924.

22.065. Een *plantensociologisch onderzoek* van de duinen *bij Poeger* ... Indisch Natuurwetenschappelijk Congres ... 1928. Oct.
Publ.: 1928, cover-t.p., p. [366]-377, profile and map. *Copy*: L. – Reprinted and to be cited from 5^{e} Ned.-Ind. Natuurwet. Congr. 1928, p. 366-377, profile and map. 1928.

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Publ.: Oct-Dec 1931 (Congres 22-26 Sep 1931), cover-t.p., p. [328]-346. *Copy*: L. – Reprinted and to be cited from 6e Ned.-Ind. Natuurwet. Congr. 1931, p. 328-346. 1931.

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Boodle, Leonard Alfred (1865-1941), British (London born) botanist, demonstrator at the Royal College of Science with D.H. Scott, assistant 1904, from 1909-1930, assistant keeper of the Jodrell Laboratory at Kew. (*Boodle*).

HERBARIUM and TYPES: 221 marine alg. collected 1889-1890 from the Cape of Good Hope at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 219; Desmond p. 75 (b. 5 Mai 1865, d. 22 Aug 1941); IH 2: 85; Kew 1: 299; Moebius p. 209; Rehder 2: 92, 5(index): 100; TL-2/see indexes.

BIOFILE: Anon., Kew Bull. 1909(3): 150 (appt. assist. keeper Jodrell Lab.), 1930: 328, 1941: 236-239 (obit.).
Gunn, M. and L.E. Codd, Bot. Expl. S. Africa 99. 1981.
Murray, G., Hist. coll. Nat. Hist. Depts. Brit. Mus. 1: 135. 1984 (221 marine algae from the Cape of Good Hope, presented 1890).

EPONYMY: *Boodlea* Murray et De Toni (1889), *Boodleopsis* A. et E.G. Sepp (1912), ING 1: 219. 1979.

22.071. Comparative Anatomy of the Hymenophyllaceae, Schizaeaceae and Gleicheniaceae. IV. Further *observations on Schizaea* ... Annals of Botany ... 1903. Oct.
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22.072. *Secondary tracheides in Psilotum* ... New Phytologist ... 1904. Oct.
Publ.: Feb 1904 (in journal), p. [48-49]. *Copy*: L. – Reprinted and to be cited from New Phytol. 3(2): 48-49. 1904.

22.073. *The structure of the leaves of the Bracken* (Pteris aquilina, Linn.) in relation to environment ... Extracted from the Linnean Society's Journal Botany, ... [1904]. Oct.
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22.079. On the *vascular structure* of some species *of Gleichenia* ... Annals of Botany ... 1909. Oct.
Co-author: W.E. Hiley.
Publ.: Jul 1909 (in journal; Nat. Nov. Sep (2) 1909), cover-t.p. (abbreviated title), p. [419]-432, *pl. 29* (col.). *Copy*: L. – Reprinted and to be cited from Ann. Bot. 23(91): 419-432, *pl. 29*. 1909.

Boom, Boudewijn Karel (1903-1980), Dutch (Gorinchem born) botanist, specialized in cultivated plants, educated at the Gymnasium and the Instituut Wullings, studied at the Landbouwhogeschool at Wageningen 1922-1930, Dr. phil. ib. 1930, teacher at the state horticultural school at Boskoop 1930-1941, id. at Nijmegen 1941-1944, charged with the writing of a flora of the cultivated plants of the Netherlands by the Department of Agriculture from 1944. (*Boom*).

HERBARIUM and TYPES: L (rd. 1950, 6224 cultiv. specim.).

BIBLIOGRAPHY and BIOGRAPHY: BFM 2988, 3006; BL 2: 421; Hortus 3: 1189; IH 2: 85; Kew 1: 299; Roon p. 19; Zander ed. 10, p. 638, ed. 11, p. 725.

BIOFILE: Anon., Succulenta 60(7): 151. 1981 (portr.).
Bruinsma, B.F., Groen 5: 185-186. 1980 (obit., portr., b. 26 Mar 1903, Gorinchem, d. 21 Mar 1980, Wageningen).
Steenis-Krusemann, M.J. van, Blumea 25: 48. 1979 (coll. L).
Wijnands, D.O., Taxon 29(4): 548. 1980 (obit. note); Int. Dendrol. Soc. Year book 16-17. 1980 (publ. 1981).

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Publ.: 10 Feb 1930 (date of defense thesis), cover-t.p., p. [i-viii], 1-77, theses [1-2]. *Copy*: U.

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Publ.: *Ed. 1*: Oct-Dec 1933 (p. iv: Sep 1933), p. [i]-xii, [1]-357. *Copies*: B-S, L. – Drawings by H. Ramaer, in text.
Ed. 2: 1942, p. [1]-366. *Copy*: L.
Ed. 3: 1949, p. [1]-444. *Copies*: L, U. – Issued as *Deel 1*: Nederlandse Dendrologie of *Flora der Cultuurgewassen*. – *Deel 2*: Flora der gekweekte kruidachtige gewassen. – *Deel 3*: Kasplanten.
Ed. 4: 1959, p. [1]-480. *Copy*: L.
Ed. 5: 1965, p. [1]-456. *Copy*: U.

22.082. *Polygonum baldschuanicum* Reg. en P. Aubertii L. Henry ... Wageningen (H. Veenman & Zonen) 1935. Oct.
Publ.: 1935 (date on cover-t.p., mss. signed Jul 1935), cover-t.p., p. 68-72. *Copy*: L. – Reprinted and to be cited from Jaarb. Ned. Dendrol. Ver. 1934: 68-72. 1935.

Boon Mesch, Hendrik Carel van der (1795-1831), Dutch physician, Dr. phil. Leiden 1820, Dr. med. id. 1821, professor at the Athenaeum of Amsterdam 1823-1831. (*Boon Mesch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 199; GR p. 710; Jackson p. 68; JW 3: 345; Kew 1: 299; NNBW 2: 905; PR 991-992, ed. 1: 1114-1115; Rehder 1: 98, 229.

BIOFILE: Aa, A.J. van der, Biogr. Woordenboek 2: 879-883. 1852.
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 452. 1877.
Siegenbeck, M., Alg. Konst- Letterbode 1823(1): 111, 1823(2): 261, 1832(1): 274-279.
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22.083. *Responsio ad quaestionem botanicum*, a nobilissima disciplinarum mathematicarum ac physicarum facultate, a mdcccxviii propositam, sic se habentem: Queritur de ratione quae est inter structuram et formam externam plantarum, illaque uno alterove specimine illustretur. Cui palma adjudicata est d. viii. mensis Februarii A. mdcccxviii [1818]. Qu. (*Resp. quaest. bot.*).
Publ.: 1818, p. [1]-48. *Copies*: G, L. – PR ed. 1: no. 114, "1819", ed. 2. 992 "1819" ("50" p.). The Genève copy mentioned 8 Feb 1818 as the date of prize-giving.

22.084. *Commentatio de vi lucis ad creanda principia vegetabilium proxima*; in certamine literario civium Academiarum belgicarum, die viii mensis Februari A. mdcccxviii, ex sententia ordinis disciplinarum mathematicarum et physicarum Academiae Lugduno batavae, praemio ornata. Lugduno Batavorum [Leiden] (apud S. et J. Luchtmane, ...) 1819. Qu. (*Comm. vi lucis*).
Publ.: 1819, p. [i], [1]-50, [51]. *Copy*: L.

Boorsma, Willem Gerbrand (1867-1937), Dutch pharmacist, studied at the University of Utrecht, Dr. pharm. ib. 1891, went to the Dutch East Indies 1891 as Military dispenser, in charge of the Pharmacological Laboratory at the Buitenzorg (Bogor) Botanic Gardens 1892-1917, also, from 1904 teacher at the School of Agriculture at Buitenzorg, from 1914-1924 director of this school, editor of Teysmannia 1911-1912. (*Boorsma*).

HERBARIUM and TYPES: BO. – See SK 1: 71.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 74 (brief biogr.); Barnhart 1: 219 (b. 5 Nov 1867); LS 3773; Rehder 5(index): 101; SK 1: 71; Tucker 1: 97.

BIOFILE: Anon., Ann. Jard. Bot. Buitenzorg 45: *pl. 8*. 1935 (portr.).
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Publ.: 1894, cover-t.p., p. [1]-86, [87]. *Copy*: U. – Meded. 's Lands Plantentuin 13.
Nadere resultaten [2]: 1896, cover-t.p., p. [1]-106. *Copy*: U. – Meded. 18.
Nadere resultaten [3]: 1899 (Nat. Nov. Oct (1) 1899), cover-t.p., p. [1]-5, [i-iii], [1]-145. *Copy*: U. – Meded. 31.

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22.086. Ueber *Aloëholz* und andere Riechhölzer ... [Buitenzorg [Bogor h.t.] (Imprimerie du Département) 1907]. Oct.
Publ.: 1907, cover (identif.), p. [i-ii], [1]-43. *Copy*: L. – Reprinted and to be cited from Bull. Dépt. Agric. Ind. Néerl. 7 (Pharmacol. III): [i-ii], [1]-43. 1907.

Boosfeld, Albert (1893-x), German botanist born at Herbesthal, educated at primary and secondary schools in Aachen, "Zeugnis der Reife" 1914, pharmacist education at the Sternapotheke in Aachen, voluntary in the army 1914-1916, continued his pharmacist career, first examination for pharmacy 1917, studied botany at the technical university in Aachen, studied from 1918 at the University of Frankfurt a. M. (*Boosfeld*).

HERBARIUM and TYPES: Unknown.

22.087. *Beiträge* zur *vergleichenden Anatomie* stammsukkulenter *Pflanzen*. Inaugural-Dissertation zur Erlangung der Doktorwürde der Naturwissenschaftlichen Fakultät der Univerität Frankfurt a. Main ... Dresden (Druck von C. Heinrich) 1920. Oct. (*Beitr. vergl. Anat. Pfl.*).
Publ.: 1920 ("mündliche Prüfung" 21 Jul 1919), cover-t.p., p. [i, t.p.], [1]-43, *pl. 1-4*. *Copy*: L. – Preprinted or reprinted from Beih. Bot. Centralbl. 37(I): 217-258. 1920.

***Boott, Francis** (1792-1863), American physician and botanist (*Carex*), born in Boston, Mass., studied at Harvard University, B.A. ib. 1810, went to Liverpool 1811, studied at the universities of Edinburgh and Paris, M.D. Edinburgh 1824, practicing medicine in London from 1825, also lecturing at Webb Street School of Medicine ib. from 1825. (*Boott*).

HERBARIUM and TYPES: *Carex* herbarium and manuscripts of Carex at K. – North American collections in BUF, CGE, DWC, E, PH. – *Manuscripts*: letters at BM, Hunt libr., K, LINN.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 34; Backer p. 74; Barnhart 1: 220 (b. 26 Apr 1792, d. 25 Dec 1863); BB p. 38-39; BM 1: 200; Bossert p. 45; CSP 1: 492; Dawson p. 120; Desmond p. 75-76; DNB 5: 393; DTS 1: 25, xviii, 6(4): 47; Hortus 3: 1189; IH 2: 86; Jackson p. 524; Kew 1: 300; Lasègue p. 138; Lenley p. 448 (corresp. Torrey); ME 1: 166, 3: 541; MW p. 49; NI 210; PR 994-995; Rehder 3: 242; TL-2/1: 277-278 and see indexes; Tucker 1: 97; Urban-Berl. p. 331; Zander ed. 10, p. 638, ed. 11, p. 725.

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Stieber, M.T. et al., Huntia 4(1): 57-58, 76. 1981, 5(3): 196. 1984 (mss.).

COMPOSITE WORKS: (1) see TL-2/1: 278.
(2) *Carex, in* W.J. Hooker, *Flora boreali-americana* 2: 207-228. 1840.

22.088. *On a species of Carex* allied to C. saxatilis, Linn. ... [Trans. Linn. Soc. London ... 1844]. Qu.
Publ.: 6 Nov 1844 (fide Raphael in Biol. J. Linn. Soc. 2: 75. 1970), p. [215]-220. *Copy*: B. – Reprinted and to be cited from Trans. Linn. Soc., London 19(3): 215-220. 1844. – See also Proc. Linn. Soc. 1: 180-181. 1849.

22.089. *Caricis species novae*, vel minus cognitae ... [Trans. Linn. Soc. ... 1846]. Qu.
Publ.: 29 Aug 1846 (fide Raphael in Biol. J. Linn. Soc. 2: 75. 1970; rd. by 16 Dec 1846 by Proc. Boston Soc. Nat. Hist.), p. 115-147. *Copy*: B. – Reprinted and to be cited from Trans. Linn. Soc., London 20(1): 115-147. 1946. – See also Proc. Linn. Soc. 1: 254-261, 284-288. 1849.

***Bor, Norman Loftus** (1893-1972), Irish born British botanist (forest botanist and agrostologist), studied at Trinity College, Dublin 1911-1914, on active service 1914-1919, B.A. Arts Dublin 1921, M.A. id. 1927, Sc.D. 1948, at the University of Edinburgh 1919-1921, B.Sc. forestry 1921, D.Sc. 1930, entered the Indian Forest Service 1921-1948, ultimately as Conservator of Forests, assistant director Kew 1948-1959, self-employed honorary member of the Kew staff 1959-1972 continuing his work on grasses. (*Bor*).

HERBARIUM and TYPES: K. – Further material in ASSAM, B, BP, BPU, CGE, DD, G, GB, GOET, IBF, KIEL, L, LE, M, OXF, TCD, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 220 (b. 3 Mai 1893, Tramore, Ireland); Desmond p. 76, 683; IH 2: 86; Kew 1: 301-303; Roon p. 20; SK 4(2): 64; TL-2/1: 278 and see indexes.

BIOFILE: Anon., Kew Bull. 1937(8): 442 (appt. forest botanist, Dehra Dun), 1948(1): 10 (appt. Kew); The Times 27 Dec 1972 (obit. not.); Daily Telegraph 27 Dec 1972 (obit. not.); Taxon 22: 523. 1977 (d.); Biol. J. Linn. Soc. 5(4): 391. 1973 (obit. not.).
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COMPOSITE WORKS: (1) Contributed to Kanjilal, *Fl. Assam* 1934-1940, see TL-2/3511.
(2) With C.E.C. Fischer, *A new genus and species of Caryophyllaceae* (*Illebraceae*). Indian Forester 65: 611-613. 1939.
(3) With M.B. Raizada, Some beautiful Indian climbers and shrubs, I. *Ipomoea*, J. Bombay Nat. Hist. Soc. 41: 1-11. 1939, II. *Aristolochia*, ib. 41: 203-220. 1939, III. *Bignonia*, ib. 41: 453-460. 1940, IV. *Tecoma*, ib. 41: 681-690. 1940, V. *Bauhinia*, ib. 42: 1-12. 1940, VI.

Rubiaceae, ib. 42: 233-241. 1941, VII. *Rubiaceae* (2), ib. 42: 455-471. 1941. – For further instalments of this series nos. VIII.-XXVIII. see C.M.K. Pope, 1975.
(4) *Notes on Asiatic grasses* 1-30, 1952-1958, *in* Kew Bull. , see C.M.K. Pope, 1975.

NOTE: (1) By far the major part of Bor's publications were published outside our period. The major publications before 1940 are *A list of the grasses of Assam*, Indian Forest Rec. II(Bot.). 1: 47-102. 1938, and *A sketch of the vegetation of the Aka Hills, Assam*, ib. 1: 103-221. 1938. – For a detailed bibliography see C.M.K. Pope, Kew Bull. 30(1): 4-10. 1975.
(2) Major publ. outside our period e.g. *The grasses of Burma, Ceylon, India and Pakistan*, London, New York, Paris 1960, *reprint*, with addenda, Otto Koeltz 1973, see Taxon 22: 494. 5 Sep 1973.
(3) *Gramineae*, in *Flora of Assam* 5, 480 p., Calcutta. 1940.
(4) *Gramineae*, in *Flora of Iraq* 9, vi + 588 p., Baghdad. 1968.
(5) *Gramineae*, in *Flora Iranica* 70, 573 p. + 72 pl., Graz. 1970.

***Borbás, Vincent** [Vince, Vincenz] **von** (1844-1905), Hungarian botanist, studied at the Gymnasium of Erlau 1859, at the University of Budapest 1868, concurrently teacher at a commercial school, assistant with Ludwig Jurányi 1871-1872, Dr. phil. 1874, secondary school teacher in Budapest 1872-1874, leave of absence 1874-1875 studying in Innsbruck and Berlin, habil. as "Privatdocent" at the University of Budapest 1880, lecturer ib. 1881, extraordinary professor ib. 1898-1901, regular professor of botany at the University of Klausenburg/Cluj 1901-1905. (*Borbás*).

HERBARIUM and TYPES: BP (main herb.); BPU, further material in AUK, B, BUC, CGE, G, GB, GOET, HH, IBF, KIEL, L, LE, M, OXF, W, WRSL, WU.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 396, 3: 112, 4: 750; Barnhart 1: 220 (b. 29 Jul 1844, Ipoly-Litke, d. 17 Jul 1905, Kolozsvar); BFM 922; BJI 1: 6, 2: 16; BM 1: 200, 6: 109; Bossert p. 45; Clokie p. 135; CSP 9: 293, 12: 101-103, 13: 682-685; De Toni 2: xiv; DTS 1: 25-29, 6(4): 57, 117-118; Futak-Domin p. 112-118 (major biogr.), 685; GR p. 656; Hegi 4(2): 1022; Hortus 3: 1189; IF suppl. 4: 314; IH 2: 86; Jackson p. 265; Kew 1: 303; KR p. 96; LS 3375-3378; Morren ed. 10, p. 38; MW p. 49; Plesch p. 192; Rehder 5(index): 101-102; Saccardo 1: 34, 178, 2: 21; TL-2/1: 278-279 and see indexes; Tucker 1: 97-98; Urban-Berl. p. 270, 331; Zander ed. 10, p. 638, ed. 11, p. 725.

BIOFILE: Adamovič, L., Veg.-Verh. Balkanländ., Veg. Erde 11: 15. 1909.
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Anon., Bot. Zeit. 39(8): 131. 25 Feb 1881 (habil. Univ. Pest); Bot. Centralbl. 20(44): 160. 1884 (one year leave of absence from his employment by the Culture Dept. in Budapest), 20: 319. 1-5 Dec 1884 (price for his *Flora comitatus Castriferrei* in mss.), 22(18): 157. 27 Apr-1 Mai 1885 (member of the Royal Hungarian office of education for 3 years), 22(21): 255. 18-22 Mai 1885 (stipend for exploration of the Krassó-Szörényer Comitat.), 74(22-23): 303. 18 Mai 1898 (extraordinary professor of botany, unpaid), 93(28): 48. 1903 (apptd. director Bot. Gard. Cluj (Klausenburg)), 99(33): 176. 1905 (prof. Bot. Univ. Cluj/Klausenburg), 99(35): 240. 5 Sep 1905 (Aladár Richter appt. as successor to B. in Cluj); Bot. Monatschr. 16(8): 155. 1898 (appt. extraordinary professor of botany); ÖBZ 52: 331. 1 Aug 1902 (appt. Cluj), 62: 349. 1912 (herb. B. bought by Hungarian state ministry for BU/BPU); Nat. Nov. 27: 460. 1905 (d. 19 Jul 1905); Leopoldina 41: 80. 1905 (obit. note); Borbasia 1(1): *pl. 1*. 1938 (portr.).
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NOTE: Borbás was a prolific writer. He published circa 900 articles (many of them of a few pages). We can give only a small sample.

22.090. *Bemerkungen über die Verbascum-Arten* und Hybriden *des Banates* ... [Verh. bot. Ver. Prov. Brandenburg ... 1876]. Oct.
Publ.: 3 Mar 1876 (in journal), p. [1-7]. *Copy*: G. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 17(3): S.B. 58-64. 1876.

22.091. *Symbolae ad pteridographiam et Characeas Hungariae* praecipue Banatus ... [Verh. k.k zool.-bot. Ges. Wien ... 1876]. Oct.
Publ.: 1876 (read 3 Nov 1875), p. [781]-796. *Copies*: L, WU. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 25: 781-796. 1876.
Follow-up: *Pteridophyta herbarii Dris L. Haynaldi Hungarica*, Linnaea 43(3): 203-216. Apr 1879. – For S.F.L. Cardinal Haynald (1816-1891) see TL-2/2: 111-112.

22.092. *Symbolae ad "Caryophylleas" et "Melanthaceas"* Florae Croaticae ... U Zagrebu (Tisak Dioničke Tiskare) 1876. Oct. (*Symb. Caryoph. Melanth.*).
Publ.: 29 Mar 1876 (date on p. 14), p. [1]-14. *Copies*: G(2). – Also published in Rad Jugoslaw. Akad. Znan. 36: 165-176. 1876.
Ref.: Knapp, J.A., ÖBZ 26: 347. 1 Oct 1876 (rev.).
Anon., Bull. Soc. bot. France 24(Bibl.): 174-175. 1877.

22.093. Adatok arbe és veglia szigetek nyari Hórája közelebbi ismeretéhez (*Symbolae ad floram aestivam insularum arbe et veglia*) ... Budapest (A.M. Tud. Akademia Könyvkiadó-hivatala) 1876 [i.e. 1877, sic]. Oct.
Publ.: 1877 (fide Borbás on copy sent by him to Warming), cover-t.p., p. [365]-436, *pl. 1-3*. *Copies*: B, G. – Reprinted and to be cited from Math. Termész. Közlem. 14: 365-436, *pl. 1-3*. 1877.
Ref.: K., ÖBZ 27: 350-351. 1 Oct 1877 (rev.).
Anon., Bull. Soc. bot. France 25(Bibl.): 10. 1878 (rev.).

22.094. *Beiträge zur systematischen Kenntnis der gelbblüthigen Dianthus-Arten* und einiger ihrer nächsten Verwandten ... Separatabzug aus den Abhandlungen des botanischen Vereins der Provinz Brandenburg ... 1879. Oct.
Publ.: 31 Aug 1877 (in journal; Bot. Zeit. 19 Oct 1877), p. [1]-29, *1 pl. Copies*: B, G. – Reprinted and to be cited from Abh. bot. Ver. Prov. Brandenburg 19(1): 1-29, *1 pl.* 1877.

Original publication, in Hungarian, 1876, Math. Naturw. Mitth. Ungar. Akad. Wiss. 13(6): 187-216. 1876 (Math. Termész. Közlem. 13(6): 187-216. 1876).
Ref.: Anon., Bot. Zeit. 35: 679. 19 Oct 1877 (rev.).
Anon., ÖBZ 27: 422. 1 Dec 1877 (rev.).

22.095. *Budapestnek* és *környékének növényzete* ... Budapesten (Nyomatott a Magyar királyi egyetemi könyvnyomdában) 1879. Oct. (*Budap. körn. növen.*).
Publ.: 1879, p. [1]-172, [173-176, index]. *Copy*: G.

22.096. A magyar birodalom vadon termö Roszsai monographiájának kisérlete. (*Primitiae monographiae Rosarum imperii Hungarici*) ... Budapest (A.M. Tud. Akademia könyvkiado-hivatola) 1880. Oct.
Publ.: late 1880, cover-t.p., p. [305]-360. *Copy*: USDA. – Reprinted and to be cited from Math. Termész. Közlem. 16(for 1879): 305-360. 1880. – This is a revised version of TL-2/653.
Ref.: Anon., Bull. Soc. bot. France 27(Bibl.): 215. Nov-Dec 1880 (rev.) (sic, this shows that the book came out in 1880).
Knapp, J.A., ÖBZ 31: 63-65. 1 Feb 1881 (detailed rev.).
Engler, A., Bot. Jahrb. 1: 510-511. 5 Apr 1881 (rev.).
Borbás, V., Bot. Centralbl. 9(4): 111-113. Jan 1882.

22.097. Ueber *Rosa Belgradensis* Panc. ... Separat-Abdruck aus No. 2 des "Botanischen Centralblattes" ... [1880]. Oct.
Publ.: 1880, p. [1]-2. *Copy*: L. – Reprinted and to be cited from Bot. Centralbl. 1(sem. 1): 88-90. 1880.

22.098. *Zur Kenntnis der Aquilegiaarten* ... Separat-Abdruck Botanisches Centralblatt ... 1882. Oct.
Publ.: Jan 1882 (in journal), p. [1]-4. *Copy*: L. – Reprinted and to be cited from Bot. Centralbl. 9(1): 36-39. 1882.

22.099. *Aquilegiák rendszere* és földrajzi elterjedése. (Systema et area Aquilegiarum geographica) ... Budapest (A M. Tud. Akadémia könyvkiado-hivatala ...) 1882. Oct. (*Aquileg. rendsz.*).
Publ.: 1882 (Bot. Zeit. 26 Jan 1883), cover-t.p., p. [1]-19. *Copy*: G. – Issued as Értekezések a Természettudomáyok Köréböl 12(6). 1882.
Preliminary publ.: Magyar Tud. Ak. Értes 16(1): 8-10. 1882.
Ref.: Anon., Bot. Centralbl. 9: 269-270. 1882, 16: 363-364. 1883.
Staub, M., Bot. Jahrb. 4: 126-130. 8 Mai 1883 (detailed rev.).

22.100. Temes megye vegetiója (*Flora comitatus Temesiensis*) ... Temesvárott (Nyomatott Magyar Testvéreknél) 1884. Oct. (*Fl. comit. Temesiensis*).
Publ.: 1884, p. [1]-83. *Copy*: B. – Festschrift of the 23rd meeting of Hungarian botanists.
Ref.: Borbás, V., Bot. Centralbl. 23(38): 348-350. 1885 (extract by author).
Holuby, J.L., ÖBZ 35: 72-73. 1 Feb 1885 (rev.).

22.101. *Balanographische Kleinigkeiten* ... Separat-Abdruck aus "Botan. Centralbl." ... 1884. Oct.
Publ.: Mai 1884 (in journal), p. [1]-4. *Copy*: G. – Reprinted and to be cited from Bot. Centralbl. 18(19): 179-182. 1884.

22.102. *Die ungarischen Inula-Arten*, besonders aus der Gruppe der Enula (Inulae Hungaricae, imprimis sectionis Enulae) ... [Separat-Abdruck aus Engler's botanischen Jahrbüchern ... Leipzig (Wilhelm Engelmann) 1887]. Oct.
Publ.: 15 Feb 1887 (in journal), cover (identif.), p. [i, recto of p. 222, title], [222]-243. *Copy*: L. – Reprinted and to be cited from Bot. Jahrb. 8(3): 222-243. 1887.

22.103. Vasvármegye növényföldrajza és fórája. (*Geographia atque enumeratio plantarum comitatus Castiferrei* in Hungaria). Irka 1883-ban, clusiusnak vasmegye elsó floristikai közleményét nyujtó munkája háromszádos évfordulóján ... Szombathely (Sabariae) 1887/88. Oct. (*Geogr. enum. pl. comit. Castiferrei*).

Publ.: 1887/88 (date on first t.p., second t.p., same text but "1887"), cover-t.p., p. [1]-395. *Copies*: B, BR. – Issued as and to be cited from Magyar Orv. Termész. Nagygyül. Tört. Vázl. Munk. 23 (1887). – A. Boros, Bibl. bryol. hung. 18. 1944 dates this publication from 1887.

22.104. A Lembergi egyeten herbariumában levö Schur-féle erdélyi szegfüvekröl (*Dianthi Hungarici* (Transsilvanici) Schuriani, in herbarium Universitatis Leopolitinae asservati) ... Editio separata e Természetrajzi füzetek ... a Musaeo nationali Hungarico Budapestensis vulgata ... 1889. Oct.

Note: For F. Schur (1799-1878) see TL-2/5: 408-410. – Collections at LW (Lwow, Lemberg).

Publ.: Jan-Jun 1889 (Nat. Nov. Jul (1) 1889), p. [40]-56. *Copy*: B. – Reprinted and to be cited from Termész. Füzetek 12(1): 40-56. 1889.

22.105. Közép-Europa, különösen magyarország kakakfüveinek ismertetése (*Symbolae Thymos Europae mediae*, praecipue Hungariae cognoscendos) ... Budapest 1890. Oct.

Publ.: 1890, cover-t.p., p. [i, t.p.], [39]-116. *Copy*: B. – Reprinted and to be cited from Mathem. Termész. Közlem. 24: 37-116. 1890.

22.106. *Közlemények békés és bihar-vármegyék Hórájából.* (Szolnok-, Csanád és Aradmegyére vonatkozó néhány adattal) ... 1891. Oct.

Publ.: 1891, p. [479]-504. *Copy*: U. – Reprinted and to be cited from Magyar Orv. Termész. Nagygyül. Tört. Vázl. Munk 25: 479-404. 1891 ("1890").

22.107. *Nomenklatorische Erklärungen* ... Editio separata e Természtrajzi füzetek ... 1896. Oct.

Publ.: 1896, p. [256]-263. *Copy*: L. – Reprinted and to be cited from Termész. Füzetek 19: 256-263. 1896.

22.108. *Pflanzenbiologische Mittheilungen* ... Kolozsvár (Buchdruckerei Albert K. Ajtai) 1899. Oct.

Publ.: 1899, cover-t.p., p. [1]-16. *Copy*: L. – Reprinted and to be cited from Ertesitó Orvos-Természettudományi Szakoszt. 2. Termész. Szak. 24: 31-46. 1899 [1900].

22.109. A pásztortáska fajtái. *Varietates Bursae pastoris* ... Separatabdruck aus ... "Magy. botan. Lapok" ... 1902. Oct.

Publ.: Jan 1902 (in journal), p. [1]-8. *Copy*: L. – Reprinted and to be cited from Magyar bot. Lapok 1(1): 17-24. 1902.

22.110. A hazai Melilotus ismeretáböl. *De Meliloto Hungariae* ... Separatabdruck aus Jahrg. 1902 ... der "Magy. botan. Lapok" ... 1902. Oct.

Publ.: Apr 1902 (in journal), p. [1]-9. *Copies*: G, L. – Reprinted and to be cited from Magyar bot. Lapok 1(4): 101-109. 1902. – Written taking into account O.E. Schulz, *Monographie der Gattung Melilotus*, see TL-2/11.334.

22.111. *Polypodii vulgaris varietates* ... Separatabdruck aus ... "Magy. botan. Lapok" ... 1902. Oct.

Publ.: Mai 1902 (in journal), p. [1]-3. *Copies*: G, L. – Reprinted and to be cited from Magyar bot. Lapok 1(5): 139-140 [sic]. 1902.

22.112. Hazánk meg a Balkán Hesperis-ei. *Species Hesperidium Hungariae* atque haemi ... Separatabdruck aus Jahrg. 1902 der "Magy. botan. Lapok" [1902-1903]. Oct.

Publ.: late 1902 (reprint, in part preprint), p. [1]-71, [72]. *Copy*: G. – Reprinted and to be cited from Magyar bot. Lapok 1: 161-167. Jun, 196-204. Jul, 229-237. Aug, 261-272. Sep, 304-313. Oct, 344-348. Nov, 369-380. Dec 1902, 2: 12-23. Jan/Feb 1903.

22.113. *Descriptio Gentianae carpaticae authentica* ... Tiré à part du "Magy. botan. Lapok" ... 1902. Oct.
Publ.: Oct 1902 (in journal), p. [1]-2. *Copies*: G, L. – Reprinted and to be cited from Magyar bot. Lapok 1(10): 323-325 [sic]. 1902.

22.114. Az *Oenothera hazánkban* (in Hungarian) ... Különnyomat a "Magyar Botanikai Lapok" 1903. Oct.
Publ.: Aug 1903 (in journal), p. [1]-4. *Copies*: G, L. – Reprinted and to be cited from Magyar bot. Lapok 2(8): 243-248. Aug 1903.

22.115. A szegfüfélék meg a szenblászlófüfelék parallelismusa. *Parallelismus Silenacearum* atque *Gentianacearum* ... Magyar Botanikai Lapok ... 1903. Oct.
Publ.: Oct 1903 (read 10 Sep 1903, issue for Sep-Oct 1903), p. [1]-9. *Copies*: G, L. – Reprinted and to be cited from Magyar bot. Lapok 2(9/10): 265-272 (in Hungarian), 273-281 (in German). 1903.

22.116. Kolozsvár, ... Magvak Választéka. Delectus seminum in horto botanico universitatis litterarum francisco-josephinae, anno 1904 ... addita *Revisione Knautiarum*. Kolosvárini (Typis Alberti Kovács de Nagyajta) 1904. Oct. (*Revis. Knaut.*).
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Ref.: Kümmerle, Bot. Centralbl. 104(19): 503-507. 14 Mai 1907 (extract of the paper).

Borchmann, [Johann] Friedrich (1827-1907), German botanist and school teacher, educated at the Gymnasium in the city of his birth, Glückstadt, and the teacher's college at Segeberg, private teacher at Gross-Wessek nr. Oldenburg 1848-1850, and in Lütjenburg and Hohwacht Holstein, teacher at Witzhave nr. Trittau 1866-1891. (*Borchmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 221; BM 1: 200; Christiansen p. 296 [index]; Jackson p. 305; PR 999.

BIOFILE: Christiansen, W., Die Heimat (Schleswig Holstein ... Lübeck) 37(10): 244-245. 1927 (obit., portr.).
Christiansen, W. and W., Bot. Schriftt. Schlesw.-Holst., Kiel 26-27. 1936 (A-229).
Floegel, J.H.W., [obituaries in Lübecker Generalanzeiger and in Schleswig-Holsteinische Schulzeitung], n.v.
Prahl, P., Krit. Flora Schleswig-Holstein 2: 11. 1890.

22.117. *Holsteinische Flora*. Ein Taschenbuch zum Bestimmen der einheimischen Phanerogamen ... Kiel (Carl Schröder & Comp.) 1856. Duod. (*Holstein. Fl.*).
Publ.: 1856 (p. viii signed: Stellau bei Wandsbeck 1856; ÖBW 16 Oct 1856), p. [i]-viii, [9]-276, [277, corr.]. *Copies*: B, G, NY.

Bordère, Henri (1825-1889), French school teacher and botanist at Gèdre nr. Luz, Hautes Pyrenées, distributed series of exsiccatae of Pyrenean plants. (*Bordère*).

HERBARIUM and TYPES: AK,AUT,B, BHU, BORD, BP, BUF, CN, CORD, F, FI, G, GB, HEID, HH, IBF, JE, L, LE, LG, MANCH, MPU, OXF, P, TCD, US, W, WB, WRSL, Z.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 288; Barnhart 1: 221 (b. 1825, d. 1889); Clokie p. 135 (b. 1816); IH 2: 86; Kew 1: 304; Morren ed. 2, p. 18, ed. 10, p. 63; TL-2/see indexes; Urban-Berl. p. 331.

BIOFILE: Anon., Bull. Soc. bot. France 11(Bibl.): 48. Jul 1864 (offers set of 2000 plants as series of exsicc.); Bot. Zeit. 37(16): 262. 18 Apr 1879 (mentions issue of a catalogue of his Pyren. exsicc.); ÖBZ 40: 182. 1 Apr 1890 (d. 6 Oct 1889 in Gèdre, Ht.-Pyren.).
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Clos, M., Bull. Soc. bot. France 36: 415-416. 1890 (obit., d. 6 Nov 1889).
Wagenitz, G., Index coll. princ. herb. Gotting. 27. 1982.

HANDWRITING: M. Bässler, Wiss. Z. Humboldt-Univ. Berlin, Math. nat. R. 19: 298. 1970.

22.118. *Découverte* dans les Pyrenées d'une espèce présumée nouvelle *du Clypeola* ...[Maison Lafarque (Coderc, Degréteau et Poujol, sue. Bordeaux Imp. de F. Degréteau et Cie) 1866]. Oct.
Publ.: 1866 (p. 88: text signed 21 Jun 1866), p. [85]-88. *Copy*: G. – Reprinted and to be cited from Act. Soc. Linn. Bordeaux 26(1): 85-88. 1866.
Ref.: Anon., Bull. Soc. bot. France 14(Bibl.): 53. Mai 1867.

Bordiga, Benedetto (fl. 1791), Italian engraver in Milano. (*Bordiga*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 201; NI 211; Plesch 81, 152; PR 1000, ed. 1: 1121; Rehder 3: 51; Saccardo 1: 35; Tucker 1: 98.

22.119. *Storia delle piante forastiere* le più importanti nell' uso medico, od economico colle lore figure in rame ... Milano (Nella Stamperia di Giuseppe Marelli ...) 1791-1794. 4 vols. Qu. (*Storia piante forast.*).
Engravers: Benedetto Bordiga (1-4), Gaudenzio Bordiga (3-4).
Text: Luigi Castiglioni, Conte (1757-1832), see TL-2/1: 468. Name not mentioned on t.p.'s.
Publ.: *1*: 1791, p. [i-iv], 1-204, *pl. 1-24* (in copies seen by us uncolored; colored copies seem to have been issued as well, n.v.).
2: 1792, p. [i-iii], 1-204, *pl. 25-48.*
3: 1793, p. [i-iv], 1-196, *pl. 49-72.*
4: 1794, p. [i-iii], 1-205, *pl. 73-96.*
Copies: HH, NY.

***Boreau, Alexandre** (1803-1875), French botanist and pharmacist, studied pharmacy at Angers 1823-1824, collected plants with Desvaux, in Paris 1825-1827, following the courses of Adrien de Jussieu and Jacques Clarion, pharmacien at Névers 1828-1838, director of the Jardin botanique d'Angers from 1838, subsequently also professor at the École supérieure. (*Boreau*).

HERBARIUM and TYPES: ANG (20.000), further material at AUT, AWH, CN, FI, GOET, MANCH. – The original herbarium of Boreau contained also the herbarium of P.M.E. Lamy de la Chapelle (q.v.).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 596, 12(3): 446; Barnhart 1: 221; BL 2: 109, 177; BM 1: 201; CSP 1: 495, 6: 598, 7: 218, 12: 113; Frank 3(Anh.): 12-13; Hegi 4(1): 192, 6(2): 1334; Hortus 3: 1189; IH 2: 86; Jackson p. 542 [index]; Kew 1: 304; Langman p. 148-149; Morren ed. 2, p. 17; MW p. 49; PFC 1: xxxvi; PR 1001-1005, ed. 1: 1122-1128; Rehder 5(index): 103; Saccardo 1: 35, cron. p. xvii; TL-2/1: 279-280 and see indexes; Tucker 1: 98, 766; Zander ed. 10, p. 638, ed. 11, p. 725.

BIOFILE: Anon., Bull. Soc. bot. France 22(Bibl.): 191. 1875 (herb. for sale), 23(C.R.): 119. 1876 (herb. bought by the town of Angers); J. Bot. 13: 352. 1875 (obit. note), 14: 96. 1876 (herb. for sale); ÖBZ 25: 305. 1875 (obit. not.); Bot. Not. 1876: 30 (obit. not.); Bull. Soc. bot. Deux-Sèvres 1905: *pl. 1*. 1906 (portr.).

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Wittrock, V.B., Acta Horti Berg. 3(2): 109. 1903, 3(3): 96. 1905.

HANDWRITING: C.H. Steinberg, Webbia 32(1): 19(no. 40). 1977; G. Wagenitz, Index coll. princ. herb. Gotting. 199. 1982.

22.120. *Voyage aux montagnes du Morvan*, suivi d'observations sur les végétaux de cette contrée; ... Nevers (Delavau, imprimeur de la préfecture ...) 1832. Duod. (*Voy. Morvan*).
Publ.: 1832, p. [i, iii], [1]-146. *Copy*: G.

22.121. *Revue des espèces de Fumaria*, appartenent à la flore de France ... [Angers (Imprimerie de Cisnier et Lachèse) 1847]. Oct.
Publ.: 1847, p. [1]-15. *Copy*: G. – Reprinted and to be cited from Mém. Soc. Agr. Sci. Arts. Angers 6(1): 86-100. 1847.

22.122. *Notice sur l'Agave americana*, suivie de la description de quelques plantes nouvelles ou peu connues, ... [Extrait du Bulletin de la Société industrielle d'Angers et du département de Maine et Loire ... 1851]. Oct.
Publ.: 1851 (p. 24 signed 31 Oct 1850, publ. in journal 1851), p. [1]-24. *Copies*: G(2). – Reprinted and to be cited from Bull. Soc. industr. Angers 21(II,1)(5/6): 249-272. 1851.

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Publ.: 1851, p. [1]-64. *Copies*: G, HH, NY, WU. – Reprinted and to be cited from Bull. Soc. industr. Angers 22(6). 1851 (n.v.).
Additions: 1852, p. [1]-8. *Copies*: G, HH, WU. – Id. 23(3). 1852.

22.124. *Notes* et observations *sur* quelques *plantes de France* ... [Extrait du Bulletin de la Société industrielle d'Angers ... 1853]. Oct.
Publ.: 1853, p. [1]-30. *Copies*: G, NY. – Reprinted and to be cited from Bull. Soc. industr. Angers 24(6). 1853 (n.v.).

22.125. *Sur la synonymie de deux Amaranthes* ... [Extrait du Bulletin de la Société industrielle d'Angers ... 1855]. Oct.
Publ.: Nov-Dec 1855 (p. 6: text signed 15 Nov 1855), p. [1]-6. *Copies*: G(2). – Reprinted and to be cited from Bull. Soc. industr. Angers 26(6). 1855 (n.v.).

22.126. *Catalogue* raisonné *des plantes* phanérogames qui croissent naturellement dans le Département *de Maine et Loire* contenant la synonymie des diverses flores de l'Anjou, des observations critiques et historiques, et les descriptions de quelques espèces rares ou nouvelles ... Angers (Imprimerie de Cosnier et Lachèse) 1859. Oct. (*Cat. pl. Maine et Loire*).

Publ.: 1859, cover-t.p., p. [1]-216. *Copies*: G, NY. – Also issued in Mém. Soc. acad. Maine-et-Loire 6: 1-216. 1859.

22.127. *Monographie de quelques Sedum* du groupe Telephium ... [Extrait des Mémoires de la Société academique d'Angers ... 1866]. Oct.

Publ.: Nov-Dec 1866 (read 14 Nov 1866), p. [1]-20. *Copies*: B, G(2). – Reprinted and to be cited from Mém. Soc. acad. Angers 20: 110-129. 1866.

22.128. *Revue* des principales espèces *d'Agropyrum* croissant en Europe ... Angers (Imprimerie de P. Lachèse, Belleuvre et Dolbeau ...) 1869. Oct.

Publ.: 1869 (read 2 Dec 1868), p. [i], [347]-360. *Copies*: B, G(2). – Reprinted and to be cited from Mém. Soc. acad. Maine-et-Loire 24: 347-360. 1869.

22.129. *Notes* et observations *sur quelques plantes de France*, ... [Extrait du Bulletin de la Société industrielle d'Angers ... 1869]. Oct.

Publ.: 1869, p. [1]-30. *Copy*: WU. – Reprinted and to be cited from Bull. Soc. industr. Angers 24(6). 1869 (n.v.).

22.130. *Nouveaux faits* constatés relativement à l'histoire *de la botanique en Anjou* ... [Angers (Imp. P. Lachèse, Belleuvre et Dolbeau) 1871]. Oct.

Publ.: Jul-Dec 1871 (text signed on p. 8 Jun 1871), p. [1]-8. *Copy*: G. – Reprinted and to be cited from Mém. Soc. acad. Maine-et-Loire 26: 73-80. 1871.

Boresch, Karl (1886-?), Czech botanist, assistant at the plant physiological institute of the German University in Prague 1910, extraordinary professor for agricultural chemistry at the German Technical University ib. 1922, ordinary professor id. Prague (Tetschen-Liebwerd). (*Boresch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 222 (b. 29 Sep 1886, Prague); BFM p. 276, no. 2761; Futak-Domin p. 118; Kew 1: 304.

BIOFILE: Anon., Hedwigia 50(3)(Beibl.): (143). 1910 (assistant pl.-physiol. inst. Prague); ÖBZ 71: 72. 1922 (prof. agr. chem. German Technical University Prague), 77(1): 80. 1928 (ord. prof.).

22.131. *Über fadenförmige Gebilde in* den Zellen von *Moosblättern* und Chloroplastenverlagerung bei Fumaria ... Jena (Verlag von Gustav Fischer) 1914. Oct.

Publ.: 1914, cover-t.p., p. [97]-156, *pl. 1* (uncol. lith. auct.). *Copy*: L. – Reprinted and to be cited from Z. f. Bot. 6(2): 97-156, *pl. 1*. 1914.

22.132. *Membranstoffe der Algen* ... Sonderabdruck aus Handbuch der Pflanzenanalyse ... 1932. Oct.

Publ.: 1932, cover-t.p., p. [269]-286. *Copy*: L. – Reprinted and to be cited from Handbuch der Pflanzenanalyse, Wien 1932.

Borg, Väinö Gabriel [after 1906: K.G. Kivilinna] (1875-1950), Finnish botanist. (*V. Borg*).

HERBARIUM and TYPES: H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 222, 296 (Kivilinna); BL 2: 77, 95, 632; Collander p. 41-42, [as Kivilinna:] 243; IH 2: 364 (Kivilinna); Kew 1: 305; Rehder 1: 367, 2: 35, 109; Saelan p. 42-43 (14 nos.).

BIOFILE: Hiitonem, Mem. Soc. Fauna Fl. fenn. 26: 141-143. 1951.

22.133. Beiträge zur Kenntnis der *Flora und Vegetation der finnischen fjelde* (Alpinen und subalpinen Gebirge) ... Helsingfors (Acta Societatis pro Fauna et Flora fennica) 1904. Oct.
Publ.: 1904, p. [i-ii], [1]-170, [171, err.], map. *Copies*: MO, U, US; IDC 8553/1. – See also BL 2: 77-78. – Issued as Acta Soc. Fauna Fl. fenn. 25(7). 1904.

Borge, Oscar Fredrik (1862-1938) [until 28 Mar 1891 Andersson], Swedish botanist (algologist), educated at the Latin School of Stockholm 1883, fil. kand. University of Uppsala 1888, fil. lic. ib. 1893, Dr. phil. ib. 1895, sometime botanist at Stockholm University, in charge of the archives of the Swedish labour movement. (*Borge*).

NOTE: See for Andersson, O.F., TL-2, suppl. 1: 118. 1992.

HERBARIUM and TYPES: S (herb. and drawings of Algae), further material in LD, NY. – Contributed to V. Wittrock and O. Nordstedt, *Algae aquae dulcis exsiccatae* (q.v.).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 233, 332 (Andersson); Barnhart 1: 58 (Andersson), 222 (b. 21 Jan 1862, Stockholm, d. 4 Jan 1838, ib.); BJI 2: 16; BM 1: 44 (Andersson); Christiansen p. c-123; De Toni 4: vii; IH 2: 86; Kew 1: 305; KR p. 42, 96-98; Nordstedt p. 3, 9, suppl. p. 4; TL-2/see indexes and suppl. 1: 118.

BIOFILE: Anon., Bot. Centralbl. 46: 143. 22 Apr 1891 (assumes the family name Borge); Bot. Not., Generalreg. 1839-1938: 11. 1939 (7 titles mentioned (rev.)).
Fries, R.E., Short hist. bot. Sweden 44, 60, *pl. 2*. 1950.
Prescott, G.W., Bibl. Desmid. univ. 13 (Andersson), 59-62, 498. 1984.
Teiling, E., Sv. bot. Tidskr. 37(2): 208-214. 1943 (obit., portr., bibl.).
Wittrock, V.B., Acta Horti Berg. 3(2): 34. 1903, 3(3): 7, *pl. 113*. 1905 (on portr.).

COMPOSITE WORKS: (1) Contributed to A. Pascher, *Süsswasserflora*, see TL-2/4: 85-89, *Zygnemales*, Heft 9, 1913.

22.134. *Bidrag till* kännedomen om *Sveriges Chlorophyllophyceer*. Stockholm (Kongl. Boktryckeriet P.A. Norstedt & Söner) 1890, 1895, 2 parts. Oct. (*Bidr. Sver. Chlorophyllophyc.*).
Publ.: *1* (sub "Andersson"): 1890 (read 14 Mai 1890; Bot. Zeit. 27 Feb 1901), p. [1]-19, [20], *pl. 1* (uncol. lith. auct.). – Issued as Bih. k. Sv. Vet.-Akad. Handl. 16, Afd. 3, no. 5. 1890. – I. Chlorophyllophyceer från Roslagen (see suppl. 1: 118).
2 (sub "Borge"): 1895 (read 12 Jun 1895), p. [1]-26, *pl. 1* (id.). – Issued as id. 21, Afd. 3, no. 6. 1895. – II. Chlorophyceen aus Falbygden in Vestergötland.
Copies: B, U; IDC mf. 266-267, 373-374, E-7670/2. – KR no. 2.

22.135. Ett litet bidrag till *Siberiens Chlorophyllophycé-Flora* ... Stockholm (Kongl. Boktryckeriet P.A. Norstedt & Söner) 1891. Oct. (*Siber. Chlorophyllophycé-Fl.*).
Publ.: 1891 (read 13 Mai 1891), p. [1]-16, *pl. [1]* (uncol. lith. auct.). *Copies*: U; IDC mf. 293-294, E-7670. – Issued as Bih. k. Sv. Vet.-Akad. Handl. 17, Afd. 3, no. 2. 1891. – KR no. 3.

22.136. *Chlorophyceer* från *Norska Finmarken* ... Stockholm (Kungl.-Boktryckeriet. P.A. Norstedt & Söner) 1892. Oct. (*Chlorophyc. Norska Finmark.*).
Publ.: 1892 (read 14 Oct 1891), p. [1]-15, [16], *1 pl.* (unnumb. lith. auct.). *Copies*: U; IDC mf. 294, E-7670/2. – Issued as Bih. k. Sv. Vet.-Akad. Handl. 17, Afd. 3, no. 4. 1892. – KR no. 4.

22.137. *Subfossila sötvattensalgar från Gotland* ... Afdrag ur Botaniska Notiser ... 1892. Oct.
Publ.: 1 Apr 1892 (read 19 Nov 1891; date of publ. in journal), p. [55]-58, *pl. 1* (uncol. lith. auct.). *Copy*: L. – Reprinted and to be cited from Bot. Not. 1892: 55-58, *pl. 1*. 1892. – KR no. 5a.
Note: Reprint is combined with O. Borge, *Algologiska Notiser 1-2* on p. 58-60, *pl. 1*. 1892. – KR no. 6a.
Nachtrag: 15 Mai 1896 (in journal), p. 111-113. *Copy*: L. – Id. 1896: 111-113. – KR no. 5b.

22.138. Über die *Rhizoidenbildung* bei einigen fadenförmigen Chlorophyceen. Inaugural-Dissertation zur Erlangung der Doktorwürde mit Genehmigung der Mathematisch-Naturwissenschaftlichen Sektion der Philosophischen Fakultät zu Upsala zur öffentlichen Beurtheilung vorgelegt ... Die Vertheidigung wird am Mittwoch den 14 November 1894 um 10 Uhr Vormittags im Zoologischen Hörsaal stattfinden ... Upsala (Upsala nya Tidnings Aktiebolags Tr.) 1894. Oct. (*Rhizoidenbildung*).
Publ.: 14 Nov 1894 (date of defense thesis), p. [1, cover-t.p.], [3]-61, *pl. 1-2* (uncol. draw.). *Copy*: L. – KR no. 8.

22.139. *Süsswasser-Chlorophyceen* gesammelt von Dr. A. Osw. *Kihlman* im nördlichsten Russland, Governement Archangel ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1894. Oct. (*Süsswass. Chlorophyc. (Kihlman)*).
Collector: Alfred Oswald Kihlman (1858-1938), see TL-2/2: 539-540.
Publ.: 1894 (read 8 Nov 1893), p. [1]-41, *pl. 1-3* (uncol. liths. auct.). *Copies*: U; IDC mf. 342-343, E-7670/2. – Issued as Bih. k. Sv. Vet.-Akad. Handl. 19, Afd. 3, no. 5. – KR no. 7.

22.140. *Australische Süsswasserchlorophyceen* ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1896. Oct. (*Austral. Süsswass.-Chlorophyc.*):
Publ.: 1896 (read 9 Sep 1896), p. [1]-32, *pl. 1-4* (uncol. liths. auct.). *Copies*: U; IDC mf. 400, E-7670/2. – Issued as Bih. k. Sv. Vet.-Akad. Handl. 22, Afd. 3, no. 9. – KR no. 10.

22.141. *Ueber tropische und subtropische Süsswasser-Chlorophyceen* ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1899. Oct. (*Trop. Süssw. Chlorophyc.*).
Publ.: 1899 (read 14 Dec 1898), p. [1]-33, *pl. 1-2* (uncol. liths. auct.). *Copies*: U; IDC mf. 443-444, E-7670/2. – Issued as Bih. k. Sv. Vet.-Akad. Handl. 24, Afd. 3, no. 12 and Meddelanden från Stockholms Högskola no. 188. – KR no. 11.

22.142. *Süsswasseralgen von Franz Josefs-Land*, gesammelt von der Jackson-Harmworth'-schen Expedition ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... 1899. Oct.
Publ.: 1899 (read 13 Sep 1899), p. 751-766. *Copies*: L, NY. – Reprinted and to be cited from Öfvers. k. Vet.-Akad. Förh. 56(7): 751-766. 1899. – KR no. 12.

22.143. *Süsswasseralgen aus Süd-Patagonien* ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1901. Oct. (*Süssw.-algen Süd-Patagonien*).
Publ.: 1901 (read 8 Mai 1901), p. [1]-40, *pl. 1-2* (uncol. liths. auct.). *Copies*: L, U; IDC mf. 521-522, E-7670/2. – Issued as Bih. k. Sv. Vet.-Akad. Handl. 27, Afd. 3, no. 10. – KR no. 14.

22.144. Die *Algen der ersten Regnellschen Expedition*. II. *Desmidiaceen* ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1903. Oct.
Expedition: First Regnell Exp. to Brazil and Paraguay, by C.A.M. Lindman and G.O. Malme, 1892-1894. – See TL-2/4: 649.
1: See E. Bohlin in this suppl. p. 274, no. 21.851.
2 (*Desmidiaceen*): Jun 1903 (p. 138: printed 9 Jun 1903), cover-t.p., p. [71]-138, *pl. 1-5* (uncol. liths. auct.). *Copies*: L, U. – Reprinted and to be cited from Ark. Bot. 1: 71-138, *pl. 1-5*. 1903. – KR no. 15.
3 (*Zygnemaceen und Mesocarpaceen*), ib. 1: 277-285, *pl. 15*. 1903. – KR no. 15. – No reprint seen.
Ref.: West, Wm., J. Bot. 44: 179-180. 1906 (rev. of no. 2).

22.145. *Beiträge zur Algenflora von Schweden* ... Arkiv för Botanik ... 1906-1939. Oct.
Publ.: *1*: shortly after 11 Jul 1906 (date of printing; published in journal 6 Sep 1906), p. [1]-88, *pl. 1-3* (uncol. draw. auct.). *Copies*: U; IDC mf. 37-38, E-8562/1. – Issued as Ark. Bot. 6(1): 1-88, *pl. 1-3*. 1906. – KR no. 16.
2 (Die *Algenflora um den Torne-Träsksee* in Schwedisch-Lappland): 15 Feb-15 Mai 1913 (Nat. Nov. Sep (2) 1913), p. 1-32, *pl. 1-3*. 15 Feb, p. 49-64. 1 Apr, p. 97-110. 15 Mai 1913. *Copies*: G; IDC mf. 146-147, E-8562/1. – Reprinted and to be cited from Bot. Not. 1913: 1-32, *pl. 1-3*. 15 Feb, 49-64. 1 Apr, 97-110. 15 Mai 1913. – KR no. 16.
3: shortly after 2 Feb 1923 (date of printing; published in journal 13 Mar 1923), cover-t.p., p. 1-34, *pl. 1-2* (uncol. liths. auct.). *Copies*: U; IDC mf. 146-147, E-8562/1. – Issued as Ark. Bot. 18(10): 1-34, *pl. 1-2*. 1923.
4 (*Die Algenflora um Grövelsee*): shortly after 27 Feb 1930 (date of printing; published in journal 4 Oct 1930), cover-t.p., p. 1-64, *pl. 1* (uncol. lith. auct.). *Copies*: U; IDC mf. 184-185, E-8562/1. – Issued as Ark. Bot. 23A(2): 1-64, *pl. 1*. 1930.
5 (*Süsswasseralgen aus den Stockholmer Schären*): shortly after 6 Mar 1936 (date of printing), cover-t.p., p. [1]-58, *pl. 1-4*. *Copies*: L, U. – Issued as Ark. Bot. 28A(6): 1-58, *pl. 1-4*. 1936.
6 (posthumous): shortly after 5 Dec 1939 (date of printing), p. [1]-26. *Copy*: U. – Issued as Ark. Bot. 29A(16): 1-26. 1939.

22.146. *Algen aus Argentina und Bolivia* ... Arkiv för Botanik ... 1906. Oct.
Collector: [Klas] Robert Elias Fries (1876-1966), see TL-2/1: 889 and KR p. 216-220; collected in South America (Argentina and Bolivia) 1901-1902.
Publ.: shortly after 16 Jul 1906 (date of issue on p. 2 vol.: printing finished 16 Jul 1906; published in journal 6 Sep 1906), p. [1]-13. *Copies*: U; IDC mf. 38, E-8562/1. – Issued as Ark. Bot. 6(4): 1-13. 1906. – KR no. 17.

22.147. *Nordamerikanische Süsswasseralgen* ... Arkiv för Botanik ... 1909. Oct.
Publ.: shortly after 18 Jun 1909 (date of printing; issued in journal 24 Jul 1909), cover-t.p., p. [1]-29, *pl. 1* (uncol.). *Copies*: U; IDC mf. 59, E-8562/1. – Issued as Ark. Bot. 8(13): 1-29, *pl. 1*. 1909. – KR no. 19.

22.148. Die *Süsswasseralgenflora Spitzbergens* ... Kristiana [Oslo] (in Kommission bei Jacob Dybwad) 1911. Oct. (*Süsswass.-Fl. Spitzb.*).
Publ.: 1911, p. [1]-39, [40], *1 pl.* (uncol. draw.). *Copy*: KNAW. – Issued as Vidensk. Skrift. I. Mat.-Nat. Kl. no. 11, 1911. – KR no. 20.

22.149. *Die von Dr. A. Löfgren in São Paulo gessammelten [sic] Süsswasseralgen* ... Arkiv för Botanik ... 1918. Oct.
Collector: Albert Löfgren (1854-1918), see TL-2/3: 137-138.
Publ.: 21-31 Dec 1918 (printed 21 Dec 1918, issued in journal 28 Oct 1919), p. [1]-108, *pl. 1-8* with text. *Copies*: U; IDC mf. 121-122, E-8562/1. – Issued as Ark. Bot. 15(13): 1-108, *pl. 1-8* with text. 1919. – KR no. 23.

22.150. *Die von Dr. F.C. Hoehne während der Expedition Roosevelt-Rondon gesammelten Süsswasseralgen* ... Arkiv för Botanik ... 1925. Oct.
Collector: Frederico Carlos Hoehne (1882-1959), see TL-2/2: 227-228.
Publ.: shortly after 6 Apr 1925 (date of printing; issued in journal 2 Oct 1925), cover-t.p., p. [1]-56, *pl. 1-6* (uncol. liths. auct.). *Copies*: U; ICD mf. 158, E-8562/1. – Issued as Ark. Bot. 19(17): 1-56. 1925.

22.151. *Schwedisch-chinesische wissenschaftliche Expedition nach den nordwestlichen Provinzen Chinas* unter Leitung von Dr. Sven Hedin und Prof. Sü Ping-chang. *Algen*, gesammelt

vom schwedischen Arzt der Expedition Dr. David Hummel ... Arkiv för Botanik ... 1933. Oct. (*Schwed.-chin. Exp. China*).
Publ.: Shortly after 11 Sep 1933 (date of printing, read 24 Mai 1933, issued in journal 9 Mar 1934), cover-t.p., p. [1]-18, *pl. 1-2* (uncol. liths. auct.). *Copies*: U; IDC mf. 206, E-8562/1. – Issued as Ark. Bot. 25A(17): 1-18, *pl. 1-2*. 1934.

Borgenstam, Elsa Henrietta (1896-x), Swedish botanist, born in Skara, married 21 Mai 1922, at Stockholm, Carl Rudolf Florin. (*Borgenstam*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 222 (b. 2 Mai 1896).

22.152. *Zur Zytologie der Gattung Syringa* nebst Erörterungen über den Einfluss äusserer Faktoren auf die Kernteilungsvorgänge ... Arkiv för Botanik ... 1922. Oct.
Publ.: shortly after 15 Feb 1922 (date of printing, published in journal 15 Mai 1922), cover-t.p., p. [1]-27, *pl. 1* (uncol. lith. auct.). *Copies*: U; IDC mf. 140, E-8562/1. – Issued as Ark. Bot. 17(15): 1-27, *pl. 1*. 1922.

Borggreve, Bernhard Robert August (1836-?), German (Magdeburg born) biology teacher, forester and ornithologist, "Oberförster" and teacher at the Academy of Münden, id. at the Academy at Poppelsdorf nr. Bonn, from 1879 director of the Königl. Preuss. Forstakademie at Münden, in retirement in Wiesbaden. (*Borggreve*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 410; Barnhart 1: 222 (b. 6 Jul 1836); BM 1: 201; LS 3388-3392, 31.375-31.375a; Rehder 5(index): 103; Tucker 1: 98.

BIOFILE: Anon., Nat. Nov. 1: 182. 1879 (appointed director forestry school at Hannoversch Münden).
Christiansen, W. and W., Bot. Schrifttum Schlesw.-Holstein A294, 313, G74,97. 1936.
Gager, C.S., Brooklyn Bot. Gard. Record 27(3): 235. 1938 (director of the botanical garden of the Forstliche Hochschule Hann. Münden 1868-1872 [info. correct?]).
Ratzeburg, J.T.C., Forstwiss. Schriftst.-Lex. 164. 1872 (biogr. of his youth, mainly autobiogr.).
Sydow, P. and C. Mylius, Botaniker-Kalender ed. 2. 104. 1887 (director at Münden).

NOTE: Borggreve published *Waldschäden im oberschlesischen Industriebezirk*, Frankfurt a.M. 1895, 214 p. – A very early treatise of industrial pollution (in Upper Silesia). The subtitle is "Eine Rechtfertigung der Industrie gegen folgenschwere, falsche Anschuldigungen", sic.

22.153. *Haide und Wald*. Specielle Studien und generelle Folgerungen über Bildung und Erhaltung der sogenannten natürlichen Vegetationsformen oder Pflanzengemeinden. Für Botaniker, Geographen, Staats-, Land- u. Forstwirthe ... Zweite Ausgabe. Berlin (Verlag von Siegfried Cronbach) 1879. Oct. (*Haide u. Wald*).
Publ.: *Ed. 1*: 1875, (n.v.) (Basis text in Abh. Naturw. Ver. Bremen 3: 217-250. 1873), reprinted as *Wald und Haide* 77, [1] p. 1875. – See Rehder 1: 387.
Ed. 2, first issue: 1879, cover-t.p., p. [1]-77, [79]. *Copy*: L. – Author stated to be at Poppelsdorf.
Ed. 2, second issue: 1879 (sic), cover-t.p., p. [1]-77, [79]. *Copy*: L. – Imprint Berlin (Verlag von Wiegandt, Hempel & Parey ...) 1879. Oct. – Author stated to be "Direktor der Königl. Preuss. Forstakademie zu Münden".
Ref.: Kanitz, A., Bot. Zeit. 38(5): 79-80. 30 Jan 1888 (rev.).

Borgman, Johan Alfred (1850-1912), Swedish teacher and botanist, studied at Malmö and Lund, fil. kand. Lund 1873, Dr. phil. ib. 1879, teacher at a secondary school at Karlshamn. (*Borgman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 222; BM 1: 201; KR p. 98 (b. 23 Aug 1850, d. 1 Mai 1912); Tucker 1: 99.

BIOFILE: Anon., Bot. Not. 1912: 141 (d.), 1933: 14.

22.154. *Studier öfver barkens inre bygnad i Coniferernas stam.* Akademisk Afhandling. Som med vederbörligt Tillstånd för erhållande af filosofisk doktorsgrad vid Lunds Universitet till offentlig granskning framställes ... å botaniska lärosalen, Lördagen den 1 Mar 1879, kl. 10 f.m. – Lund (Fr. Berlings Boktryckeri och Stilgjuteri) 1879. Qu. (*Stud. bark. Conif. stam*).
Publ.: 1 Mar 1879 (date of defense thesis), p. [i-ii], [1]-54, [55-56], *3 pl. Copies*: B-S, G, NSUB. – Also issued as Lunds Univ. Årskr. 14(2) (mat. nat.) no. 7. 1879.

***Borkhausen** (Borckhausen), **Moritz Balthazar** (1760-1806), German (Giessen born) forester, botanist and entomologist, studied at the University of Giessen, 1781 private teacher id., settled later in Darmstadt, in various positions of the forestry management 1796, "Assessor" with the Forestry "Collegium", 1806 "Kammerrath"; Doctor honoris causa Erlangen 1793. (*Borkh.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 160-163; Barnhart 1: 222 (b. 3 Dec 1760, d. 30 Nov 1806); BM 1: 202; CSP 1: 497; Dryander 5: 169; Frank 3(Anh.): 13; Hortus 3: 1189; IF 682; Jackson p. 16; Kew 1: 305; Moebius p. 397; MW p. 94; NI 764, 1373 and see p. 21; PR 1009-1013, ed. 1: 1133-1137; Ratzeburg p. 68-70; Rehder 5(index): 104; RS p. 76; SBC p. 116; TL-1: 46; TL-2/1: 280-281 and see indexes; Tucker 1: 99; Zander ed. 10, p. 638, ed. 11, p. 725.

BIOFILE: Anon., Bot. Zeit., Regensburg 6: 31-32. 1807; Forst.-Arch. Erweit. Forst- Jagd-Wiss. 30: 224-230. 1807 (obit.); Rev. bryol. 27(2): 31. 1900, 29(1): 15. 1902, 36(4): 103. 1909, 37(5): 115-116. 1910 (notices of publ.).
Fournier, E., *in* H.E. Baillon, Dict. bot. 1: 454. 1877.
Ilg, W., Hoppea 42: 319. 1984 (with Regensb. bot. Ges. from 1796; "Kammer- und Forstrat").
Jourdan, Dict. Sci. méd., Biol. méd. 2: 409-410. 1820.
Roehling, Borkhausen's Ringen nach den schönsten Zielen des Mannes. Frankfurt a.M. 1808 (xiv, 162 p., *1 pl.*) (n.v.).
Strieder, Grundlage zu einer Hessischen Gelehrten- und Schriftstellergeschichte 18: 62. 1819.
Ziegler, H., Ber. deut. bot. Ges. 81: 559-560. 1970.

COMPOSITE WORKS: *Editor* and author of notes: J.S. Mueller, Ill. syst. sex. Linnaei, Frankfurt 1804. – See TL-2/6486.

22.155. *Rheinisches Magazin* zur Erweiterung der Naturkunde herausgegeben von Dr. Moriz Balthasar Borkhausen, Fürstlich Hessen-Darmstädtischem Landes-Oekonomiedeputations Assessor. Erster Band. Giesen [sic] (bey Georg Friedr. Heyer, ...) 1793. Oct. (*Rhein. Mag.*).
Publ.: 1793, p. [i-xiv], [1]-724. *Copy*: NY. – Only volume 1 was published.

22.156. *Botanisches Wörterbuch* oder Versuch einer Erklärung der vornehmsten Begriffe und Kunstwörter in der Botanick [sic] ... Giessen (in Georg Friedrich Heyers Verlage) 1797. Oct.
Publ.: *1*: 1797, p. [i]-viii, [1]-376. – "Erster Band. A-L".
2: 1797, p. [i], [1]-504, [505-508]. – Zweiter Band. M-Z. Nebst einer kurzen Geschichte der Botanik.
Copy: U.
Ref.: Römer, J.J., Neu. Mag. Bot. 1: 334. Apr-Sep 1794 (announcement: "... das zu Ostern 1795 erscheinen wird").

Borkowski, Roman (1882-?), Russian (?) botanist, who studied at the University of Neuchâtel, Switzerland, Dr. phil. ib. 1913. (*Bork.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 223 (b. 1882).

22.157. Anatomisch-biologische Untersuchungen über einigen *Pteridophyten der Kolumbischen Andenflora.* Thèse présentée à la Faculté des Sciences de l'Université de Neuchâtel pour l'obtention du grade de docteur ... Neuchâtel (Imprimerie Wolfrath & Sperlé) 1913. Oct. (*Pterid. Kolumb. Andenfl.*).
Publ.: 1913 (date of approval faculty 10 Jun 1913), p. [1]-78, [79, is *pl. 3* in text], [80, identif.]. *Copies*: B, L. – Extrait du Bulletin de la Société neuchâteloise des Sciences naturelles 40: 3-79 [p. 79 is *pl. 3*]. 1913.

Bormann, Erhard (1863-?), German (Silesian) pharmacist and botanist, born at Langenöls, Schlesien, attended the gymnasium of Bunzlau until 1884, pharmacy student in various pharmacies 1884-1890, studied at the University of München 1890-1894, Dr. pharm. University of Erlangen 1895. (*E. Bormann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 223.

22.158. *Beiträge zur Pharmacognosie der Cerbera ovata.* Inaugural-Dissertation zur Erlangung der Doktorwürde der Hohen philosophischen Fakultät der Kgl. Friedrich-Alexanders-Universität Erlangen ... München (Kgl. Hof- und Universitäts-Buchdruckerei Dr. C. Wolf & Sohn) 1895. Oct. (*Beitr. Pharmacogn. Cerbera ovata*).
Publ.: 10 Jul 1895 (date of defense thesis), p. [1]-30, *4 pl.* (*numbered 1-6*, sic). *Copy*: NSUB. – "Lebenslauf" on p. 29.

Bormann, Johannes [Eberhard] (1906-x), German botanist, born at Charlottenburg, educated in Hamburg, final examination of the secondary school in Hamburg 1925, at the University of Hamburg 1925-1929 and 1933-1934, for botany with teachers Winkler, Klebahn, Irmscher and Bredemann, "Staatsprüfung" for highschool teacher 1929, "Studienassessor" in the Hamburg schools, last at the Wilhelm-Gymnasium, from 1935 assistant with H.K.A. Winkler at the Institute for general botany at Hamburg. (*J. Bormann*).

HERBARIUM and TYPES: Unknown.

22.159. Untersuchungen über die künstliche *Umwandlung von Blütenständen* in Laubsprosse ... Berlin (Verlagsbuchhandlung Julius Springer) 1939. Oct.
Publ.: 1939 ("abgeschlossen am 21 Juni 1939"), cover-t.p., p. [ii* of cover-t.p., "genehmigt", signed 11 Feb 1939], p. [i, t.p.], [ii, allotria], [679]-741. *Copy*: L. – Reprinted and to be cited from Planta 29(4): 679-741. 1939.

Born, Amandus Albert Oswald (1861-1920), German (Brandenburg, Pritzwald born), educated at the Herbst'sche Schule in Berlin and the Luisenstädtische Gewerbeschule, studied at the University of Berlin 1881-1886, Dr. phil. 1886 (with Schwendener), teacher at the Luisenstädtische Oberrealschule from 1892. (*A. Born*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 223; BJI 1: 6.

BIOFILE: Harms, H., Verh. bot. Ver. Prov. Brandenburg 63: 74. 1922 (obit. note, b. 27 Jul 1861, d. 27 Feb 1920).

22.160. Vergleichend-systematische *Anatomie des Stengels der Labiaten und Scrophulariaceen* mit vergleichenden Ausblicken auf die nächst verwandten Familien. Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich zu verteidigen am 21. Juli 1886 ... Berlin (Buchdruckerei von Gustav Schade (Otto Francke) ...) [1886]. Oct. (*Anat. Steng. Labiat. Scrophul.*).
Publ.: 21 Jul 1886 (date of defense thesis), p. [1]-51, [52, theses, 53 vita]. *Copies*: B, L.
Ref.: F.M., Naturwiss. Rundschau 1886: 383-384 (rev.).
Pax, F.A., Bot. Jahrb. 8(Litt.): 67. 31 Dec 1886 (rev.).
Koehne, E., Bot. Zeit. 46(2): 28-36. 1888 (rev.).

22.161. Einiges aus der neueren *Entwicklung des natürlichen Systems der Blütenpflanzen* ... Berlin (Weidmannsche Buchhandlung) 1906. Qu. (*Entw. nat. Syst. Bl.-Pfl.*).
Publ.: Mar-Apr 1906 ("Ostern 1906"; Bot. Centralbl. 17 Jul 1906), p. [1]-36. *Copy*: L. – Issued as "Wissenschaftliche Beilage zum Jahresbericht der Luisenstädtischen Oberrealschule zu Berlin. Ostern 1906, Programm Nr. 135".

Bornebusch, [Aage] **Carl Heinrich** (1886-1951), Danish forester, botanist and entomologist, "Forstkandidat" 1910, Dr. phil. 1930, biologist with the state forestry department from 1921, director of the state forestry experiment station 1931-1950 ("Statens forstlige Forsøgsvaesen Springforbi"). (*Bornebusch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 223; Kew 1: 305.

BIOFILE: Bornebusch, C.H., private info. to F. Verdoorn, now in TL-2/files (Scientific interests: "Forstwesen: Zuwachs, Bestandespflege, Formerblichkeit u. Provenienzfragen, Biologie (spec. Tierleben) des Waldbodens, Pedologie").
Christensen, C., Danske bot. Litt. 1912-1939. 169-171. 1940 (bibl. of 50 nos.).
Gilbert, P., Comp. biogr. lit. deceased entomol. 42. 1977.
Hansen, A., Dansk bot. Ark. 21(1): 60-61. 1963.
Møller, C.M., Dansk. Skovfor. Tidskr. 36: 349-354. 1951; Naturh. Tid. 15: 66-69. 1951 (obit., portr.).
Tuxen, S.L., Entom. Medd. 26: 245-246. 1952 (bibl., portr.).

22.162. *Skovbundsstudier* (Disquisitions on flora and soil of Danish woodlands). ... Saertryk af Det forstlige Forsøgsvaesen i Danmark ... 1923. Oct.
Publ.: 5 Mar 1923 (date on p. 1), cover-t.p., p. [1]-148. *Copy*: B. – Issued as Forstl. Forsøgsv. 8: 1-148. 1923 (parts 1-3).
Continuation: Ib. 181-288. 1925 (parts 4-9), (n.v.).

***Bornemann, Johann Georg** (1831-1896), German (born at Mühlhausen, Thüringen) botanist and geologist, educated at the Gymnasium at Mühlhausen 1842-1850, studied natural sciences at the University of Leipzig 1850-1851, id. at Göttingen 1851-1852, id. at Berlin 1852-1853, Dr. phil. Göttingen 1854, travelled and collected in Southern Europe and the Mediterranean area 1856-1861, settled as private scientist at Eisenach 1864-1896. (*J. Bornem.*).

HERBARIUM and TYPES: JE (see TL-2/1: 281).

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 693 (original info.); Barnhart 1: 223 (b. 20 Mai 1831, Mühlhausen, Thür., d. 5 Jul 1896, Eisenach); BM 1: 203; CSP 1: 498, 6: 598, 7: 219, 9: 297, 12: 105, 13: 695; IH 2: 86; Jackson p. 186; Kew 1: 305-306; NI 211; Quenstedt p. 48; TL-2/1: 281.

BIOFILE: Anon., Boll. Soc. Geol. Ital. 15: 431. 1896; Leopoldina 32: 134-135. 1896.
Barthel, M., Hallesches Jahrb. Mitteldeut. Erdgesch. 7: 7-10. 1966 (on B's histological research on fossil leaves).
Potonié, Ber. deut. bot. Ges. 15: (29)-(34). 1897 (main biogr., list of 57 publications).

22.163. *Flora Mulhusana.* Systematisches Verzeichniss der im Kreise Mühlhausen (der königl. preussischen Provinz Sachsen, Regierungsbezirk Erfurt) wildwachsenden oder im Grossen cultivirten Pflanzen ... Halle (Gedruckt bei W. Plötz). Oct. (*Fl. Mulhus.*).
Co-author: M. Schmidt.
Publ.: Feb 1856 (in journal), p. [1]-41. *Copies*: B, G. – Reprinted or preprinted from Z. gesammt. Naturw. 7(2): 113-142. Feb 1856.

***Bornet, [Jean-Baptiste-] Édouard** (1828-1911), French botanist, born at Guérigny (Nièvre), educated at the Collège de Nevers 1838-1846, studied at the École de médecine, Paris 1846 but turned also to botany studying at the Muséum d'Histoire naturelle and the Sorbonne, Dr. méd. 1855, worked mainly on algues together with Thuret at Antibes until 1875, director Villa Thuret Garden 1875-1878, returned to Paris as private scientist, membre de l'Institut 1886, active until 1910. (*Bornet*).

HERBARIUM and TYPES: PC, further material at C, DIN, G (herb. Alpes maritimes), K, L, M (lich.), MP, PH, W, WRSL. – See also note in TL-2/1: 281-282.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 559, 12(3): 136; Barnhart 1: 223 (further refs.); BJI 1: 6; BM 1: 203; Bossert p. 46; CSP 1: 498-499, 7: 219, 12: 105, 13: 696; De Toni 1: xiv, 2: xiv, 4: vii; DTS 1: 29; Frank 3(Anh.): 13; GR p. 267 (detailed account), pl. [29]; GR, cat. p. 60; Hortus 3: 1189; IH 2: 86, 87; Jackson p. 156, 160; Kew 1: 306; KR p. 98; LS 1898, 3395-3402, 5043, 5425a, 36.996; Moebius p. 75, 91, 92; Morren ed. 2, p. 17, ed. 10, p. 50; MW p. 50; NI 212, Nachtr. p. 22; Nordstedt p. 419; PR 1014-1015; Rehder 2: 290; SBC p. 116; TL-2/1: 281-283 and see indexes; Tucker 1: 99.

BIOFILE: Anon., Nat. Nov. 1: 135. 1879 (foreign member Linn. Soc., London), 8: 157. 1886 (member Acad. Sci., Paris), 23: 344. 1901 (Natl. Acad. Sci., Washington), 31: 192. 1909 (Prés. d'honn. Soc. bot. France); Rev. bryol. 25(4): 72. 1898 (engraved portr. to be given on his 70-th. anniv.); Torreya 12(2): 44. 1912 (obit. not.); Bull. Soc. mycol. France 29: 1. 1913 (portr.).
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Bourrelly, P., *in* Bornet et Flahault, Révis. Nostoc hét., facsimile ed. 1959, p. [5*-8*, 13*-16*] (portr., bibl.).
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Koster, J.Th., Taxon 5: 53. 1957, 18: 550. 1969 (coll.).
Lamy, D., Occ. Pap. Farlow Herb. 16: 125. 1981 (corr. with F. Renauld).
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Sachs, J. v., Hist. bot. 218. 1892.
Stafleu, F.A., Taxon 24: 34. 1975 (portr., caption).
Wangerin, A., Leopoldina 48: 2. 1912 (d. 12 Dec 1911, Paris, member of the "Leopoldina" from 20 Oct 1887).
Wittrock, V.B., Acta Horti Berg. 3(2): 109. 1903, 3(3): xliv-xlv, 97. 1905 (on portr.).

COMPOSITE WORKS: (1) *Notice biographique* [de] *J. Decaisne*, *in* M.J. Vesque, *Catalogue de la bibliothèque de feu M.J. Decaisne*, Paris 1883, see also TL-2/6: 715, CW (2).
(2) Contributed to V. Wittrock and O. Nordstedt, *Algae aquae dulcis exsiccatae* ... fasc. 16: no. 787. 1886, 32: no. 1540, 1543. 1903, see also Bot. Not. 1886: 137 and V.B. Wittrock, Nordstedt and Lagerheim, *Algae* ... *exsicc.* 21: 49. 1889, 35: 25. 1903 (see also KR p. 98, Bornet no. 1.
(3) Bornet published G. Thuret, *Études phycologiques* 1878, see TL-2/14.442 (6: 337).
(4) Contributed to E. Askenasy, *in* A. Engler, *Forschungsreise Gazelle*, (b) *Algen*. Sep 1888, see TL-2/1705(b) and G.H.O.W. Hieronymus, Bot. Zeit. 47(9): 317-318. 10 Mai 1889.

22.164. *Instructions sur la récolte*, l'étude et la préparation *des algues* ... Cherbourg (Feuardent, imprimeur-libraire, ...) 1856. Oct.
Publ.: 1856, cover-t.p., p. [1]-36. *Copy*: G. – Reprinted and to be cited from Mém. Soc. imp. Sci. nat. Cherbourg 4: 163-196. 1856.

22.165. *Description de trois lichens nouveaux* ... Cherbourg (Feuardent, imprimeur-libraire-éditeur ...) 1856. Oct.
Publ.: Dec 1856 (date on t.p.), p. [1]-12, *pl. 1-4* (uncol. copp.). *Copies*: G, NY. – Reprinted and to be cited from Mém. Soc. imp. Sci. nat., Cherbourg 4: 225-234. 1956.
Ref.: Anon., Bull. Soc. bot. France 4(Bibl.): 200-202. Mai 1857 (rev.).

22.166. Description d'un nouveau genre de *Floridées des côtes de France* ... Extrait des Annales des Sciences naturelles ... 1859.
Publ.: 1859, p. [1]-5, *pl. 1-2* (uncol. engr.). *Copy*: L. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 4. 11(2): 88-92, *pl. 1-2*. 1859.

22.167. *Recherches sur le Phucagrostis major* Cavol., ... Annales des Sciences naturelles, Botanique ... [1864]. Oct.
Publ.: 1864 (mentioned by Soc. bot. France séance 11 Nov 1864), p. [5]-51, *pl. 1-2* (uncol. engr.). *Copy*: G. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 5. 1(1): 5-51, *pl. 1-2*. 1864.

22.168. *Recherches sur la fécondation des Floridées* ... Paris (Victor Masson et Fils ...) 1867. Oct.
Authorship: É. Bornet first author, Gustav Adolphe Thuret (1817-1875), see TL-2/6: 335-337, no. 14.440, second author. We treat this again because under our number 14.440 we failed to mention É. Bornet.
Publ.: 1867 (rd. by Soc. bot. France between 27 Apr and 27 Dec 1867), p. [1]-32, *pl. 11-13* (uncol. engr. Riocreux). *Copies*: L, LD. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 5. 7(3): 137-166, *pl. 11-13*. 1867.
Ref.: R., Bot. Zeit. 26: 140-144. 28 Feb 1868 (rev.).

22.169. *Recherches sur les gonidies des lichens* ... Extrait des Annales des Sciences naturelles ... 1873. Oct.
Publ.: 1873, p. [1]-66, *pl. 6-16* (col. engr. auct.). *Copies*: B, G, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 5. 17(1): 45-110, *pl. 6-16*. 1873.

Deuxième note: 1874, p. [1]-8. *Copies*: G, L, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 5. 19(5): 314-320. 1874. – *Deuxième note sur les gonidies des lichens*.
Ref.: G.K., Bot. Zeit. 33(46): 754. 12 Nov 1875 (rev. note 2).

22.170. *Mazaea* nouveau genre d'algue de l'ordre des Cryptophycées ... [Extrait du Bulletin de la Société botanique de France ... 1882]. Oct.
Dedication: *Mazaea* is dedicated to Hippolyte Pierre Mazé (1818-1892), see TL-2/3: 391-392. – See eponymy.
Co-author: Albert Grunow (1826-1924), see TL-2/1: 1017.
Publ.: early Feb, Apr-Mai 1882 (fide Leussink, Taxon 35(2): 252. 1986; read 25 Nov 1881), p. [1]-3, [4, impr.], *pl. 7* (uncol., Bornet). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 28(CRS 5): 287-288. early Feb, 289. Apr-Mai 1882. – Date of new genus Feb 1882.
Ref.: Engler, A., Bot. Jahrb. 4: 70. 1883 (rev.).

22.171. *Sur la détermination des Rivulaires* qui forment des fleurs d'eau ... Extrait du Bulletin de la Société botanique de France ... 1884. Oct.
Co-author: Charles Henri Marie Flahault (1852-1935), see TL-2/1: 843.
Publ.: Mai (med.) 1884 (fide Leussink, Taxon 35(2): 255. 1986; read 22 Feb 1884, reprint received by Soc. bot. France 25 Jul 1884), p. [76]-81. *Copies*: G, L. – Reprinted and to be cited from Bull. Soc. bot. France 31(CRS 2): 76-81. 1884.
Ref.: Askenasy, E., Bot. Zeit. 42: 700-701. 31 Oct 1884. (rev.).

22.172. *Algues de Madagascar* récoltées par M. Ch. Thiébaut ... Extrait du Bulletin de la Société botanique de France ... 1885. Oct.
Collector: Charles Thiébaut (1837-1884), see TL-2/6: 257.
Publ.: early Mar 1885 (fide Leussink, Taxon 35(2): 255. 1986; read 9 Jan 1885, reprint received by Soc. bot. France 26 Jun 1885), p. [16]-19. *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 32(CRS 1): 16-19. 1885.
Ref.: Moebius, M.A.J., Bot. Centralbl. 24(40): 1. 28 Sep-2 Oct 1885 (rev.).

22.173. *Note sur le genre Aulosira* ... [Extrait du Bulletin de la Société botanique de France ... 1885]. Oct.
Co-author: Charles Henri Marie Flahault (1852-1935), see TL-2/1: 843.
Publ.: early Mai 1885 (fide Leussink, Taxon 35(2): 256. 1986; read 13 Mar 1885), p [119]-122, *pl. 4* (uncol., Arnoul). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 32(CRS 3): 119-122, *pl. 4*. 1885.
Ref.: Moebius, M.A.J., Bot. Centralbl. 23(36): 270-271. 31 Aug-4 Sep 1885 (rev.).

22.174. *Notice sur les travaux scientifiques* de M. Éd. Bornet ... Paris (E. de Soye et fils, ...) 1886. Qu. (*Not. trav. sci.*).
Publ.: 1886, p. [1]-19. *Copy*: G. – Notes by Bornet on p. 16 of his publications written for the candidacy of the Académie des Sciences, Paris.

22.175. Notes sur une nouvelle espèce de Laminaire (*Laminaria Rodriguezii*) de la Méditerranée ... [Extrait du Bulletin de la Société botanique de France ... 1888]. Oct.
Publ.: 1 Dec 1888 (fide Leussink, Taxon 35(2): 257. 1986; read 27 Jul 1888; mentioned in séance 14 Dec 1888 of Soc. bot. France), p. [1]-6, *pl. 5* (uncol. auct.). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 35(CRS 4): 361-366, *pl. 5*. 1888.

22.176. *Note sur deux nouveaux genres d'algues perforantes* ... [Extrait du Journal de Botanique .... 1888]. Oct.
Co-author: Charles Henri Marie Flahault (1852-1935), see TL-2/1: 843.

Publ.: 16 Mai 1888 (in journal; reprint received by Soc. bot. France 27 Jul 1888; Bot. Centralbl. 30 Jul-10 Aug 1888), p. [1]-5. *Copies*: G, L. – Reprinted and to be cited from J. Bot. [Morot] 2: 161-165. 1888.

22.177. *Les Nostocacées hétérocystées* du Systema algarum de C.-A. Agardh (1824) et leur synonymie actuelle (1889) ... [Extrait du Bulletin de la Société botanique de France ... 1889].Oct.
Note: Reference to C.-A. Agardh is to *Systema algarum* 1824, see TL-2/43.
Publ.: 1 Aug 1889 (fide Leussink, Taxon 35(2): 258. 1986; reprint rd. by Soc. bot. France 8 Nov 1889), p. [1]-14. *Copies*: G, L. – Reprinted and to be cited from Bull. Soc. bot. France 36(CRS 3): 144-157. 1889.

22.178. Sur quelques *plantes* vivant *dans le test calcaires des Mollusques* ... [Extrait du Bulletin de la Société botanique de France ... 1890]. Oct.
Co-author: Charles Henri Marie Flahault (1852-1935), see TL-2/1: 843.
Publ.: 1 Mar 1890 (fide Leussink, Taxon 35(2): 258. 1986; reprint rd. by Soc. bot. France on 25 Apr 1890; Nat. Nov. Apr (2) 1890), p. [1]-31, *pl. 6-12* (uncol., auct.). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 36(Actes 1): cxlvii-clxxvi, *pl. 6-12*. 1890.

22.179. Note sur deux algues de la Méditerranée *Fauchea et Zosterocarpus* ... [Extrait du Bulletin de la Société botanique de France ... 1890]. Oct.
Publ.: 1 Sep 1890 (fide Leussink, Taxon 35(2): 259. 1986; read 28 Mar 1890, reprint rd. by Soc. bot. France 12 Dec 1890), p. [139]-148, *pl. 1* (uncol. lith. auct.). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 37(CRS 3): 139-148, *pl. 1*. 1890.

22.180. *Algues du Département de la Haut-Vienne* contenues dans l'herbier d'Édouard Lamy de la Chapelle ... Extrait du Bulletin de la Société botanique de France ... 1891. Oct.
Collector: Pierre Marie Édouard Lamy de la Chapelle (1864-1886), see TL-2/2: 743.
Publ.: 1 Sep 1891 (fide Leussink, Taxon 35(2): 259. 1986; read 12 Jun 1891), p. [247]-255. *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 38(CRS 5): 247-255. 1 Sep 1891.

22.181. Note sur l'*Ostracoblabe implexa* Born. et Flah. ... [Extrait du Journal de Botanique ... 1891]. Oct.
Publ.: 1 Dec 1891 (in journal; Bot. Zeit. 29 Jul 1892), p. [1]-4. *Copy*: L. – Reprinted and to be cited from J. Bot. [Morot] 5: 397-400. 1891.

22.182. Note sur quelques *Ectocarpus* ... [Bulletin de la Société botanique de France ... 1892]. Oct.
Publ.: 1 Mar 1891 (fide Leussink, Taxon 35(2): 259. 1986; Nat. Nov. Sep (1) 1892), p. [1]-20, *pl. 6-8* (uncol. liths. auct.). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 38(CRS 6): 353-372, *pl. 6-8*. 1892.
Ref.: Lindau, G., Bot. Jahrb. 16(Lit.): 24. 1893 (rev.).

22.183. Deux Chantransia corymbifera Thuret. *Acrochaetium et Chantransia* ... Extrait du Bulletin de la Société botanique de France ... 1904-1905. Oct.
Publ.: Dec 1904-Mar 1905 (fide Leussink, Taxon 37(1): 50. 1988; read Aug 1904; Nat. Nov. Dec (2) 1905), p. [xiv]-xxiii, *pl. 1* (uncol. lith.). *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 51(sess. extraord.): xiv-xxiii, *pl. 1*. Dec 1904-Mar 1905.

22.184. *Additions et modifications aux Lois de la nomenclature botanique de 1867* approuvées par les membres de la Société botanique de France ... Paris 1904. Oct. (*Addit. modif. nomencl. bot.*).
Authorship: É. Bornet, Louis Édouard Bureau (1830-1918, see TL-2/1: 410-411), Fernand Antoine (1852-1922), Eugène Achille Finet (1863-1913, see TL-2/1: 831-832), Henri Hua

(1861-1919, see TL-2/2: 353), Louis Jules Ernest Malinvaud (1836-1913, see TL-2/3: 264-265), Charles René Zeiller (1847-1915, see TL-2/7: 523-526).
Publ.: 1904, cover-t.p., p. [i, t.p.], [1]-12, [13, imprint]. *Copy*: L.

***Bornmüller, Joseph [Friedrich Nicolaus]** (1862-1948), German (Thüringen) botanist, educated at the Gymnasium of Leipzig, at the horticultural school at Potsdam 1880, first major botanical collecting trip to the Balkan 1886, inspector at the Botanical Garden of Belgrado 1886-1888, continued collecting in the Balkan and Turkey 1889-1890, came from 1893 in contact with H.C. Haussknecht at Weimar, continued collecting, curator at the Herbarium Haussknecht , Jena 1904-1938, Dr. rer. nat. h.c. University of Jena 1943. (*Bornm.*).

HERBARIUM and TYPES: B (left his main herbarium and his library to B), further material at AK, ANK, BHU, BHUPM, BM, BP, BUC, DBN, E, G, GE, HBG, HH, IBF, JE, K, L, LD, LE, LY, M, MANCH, MO, OXF, P, PC, PH, PRC, S, STU, US, W, WB, WU, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 750, 12(3): 64; Barnhart 1: 223 (b. 6 Dec 1862); BFM p. 417-418; BJI 2: 16-17; BL 1: 240; Bossert p. 46; Clokie p. 135; CSP 13: 696-697; DTS 1: 29, 6(4): 65, 71, 118; Futak-Domin p. 118; GR p. 65 (details on exsiccatae); Hortus 3: 1189; IH 2: 87 (err. orig. coll. at JE, this must be B); Kew 1: 306-309; LS 3404, 31.377, 41.045; LS suppl. 3273-3277; MW p. 50; NW p. 41, letters to W.N. Suksdorf; Rehder 5(index): 104; Saccardo 1: 35, 2: 22; TL-2/1: 283-284 and see indexes; Tucker 1: 99, 766; Urban-Berl. 261, 273, 285, 295, 331; Zander ed. 10, p. 638, ed. 11, p. 725.

BIOFILE: Ainsworth, G.C. and G.R. Bisby, Dict. fungi ed. 6. 77. 1971.

Anon., ÖBZ 53: 391. 1 Sep 1903 ("Leiter und Conservator" at Herb. Haussknecht, as from 1 Jun 1904); Bot. Jahrb. 34, Beibl. 76: 40. 1904 (appt. "Leiter und Konservator" of Herb. Haussknecht [de facto from 1 Jun 1904]), 37, Beibl. 84: 4. 1906 (appointed "Kustos and Konservator", id.); Allg. Bot. Z. 23: 47. 1919 (apptd. professor at Weimar by the Grossherzog von Sachsen-Weimar); Thüringer Volk 3(299): Blatt 2. 1948 (obit. notice).
Blakelock, R.A. and E.R. Guest, Fl. Iraq 1: 109, 111. 1966 (Iraq coll.).
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Frodin, D.G., Guide standard fl. world 634, 322a. 1984.
Fuchs, H.P., Bull. Murith. 109: 122-123. 1991 (biogr., bibl.).
Hansen, A., Bocagiana 51: 3. 1980 (on Madeira coll., mentions botanists who named and published his mosses and lichens).
Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 62. 1970.
Hiepko, P., Liste der grösseren Sammlungen des Bot. Mus. Berlin-Dahlem, acc. 1914-1986, Berlin 1987, 2 p. (details on B's material at Berlin).
K.M., Thüringische Landeszeitung, Weimar 7 Dec 1947 (brief note, 85-th birthday).
Lack, H.W. and O. v. Sydow, Willdenowia 13: 414. 1983 (letters from B. to various botanists at UPS-UB, from Dörfler's coll.).
Lack, H.W. and D. Wagner, Willdenowia 14: 430. 1984 (material in Herb. Ullepitsch, now at Berlin).
Pilger, R., Willdenowia 1(1): 21. 1953 (library B. received for Berlin: 700 vols., 2000 separata).
Pohl, F., Generalregister Beih. Bot. Centralbl. 18-50: 5-6. 1942 (lists B's coll. in BUC).
Rechinger, K.H., Taxon 4(5): 97-99. 1955 (on B's bot. exploration of Iran; list of publ. on the Iranian flora).
Sayre, G., Mem. New York Bot. Gard. 19(3): 295. 1975; Bryologist 80(3): 505. 1977 (locations bryol. material).
Schwarz, O., ed., Bornmüller Festschrift, Repert. sp. nov. regn. veg. Beih., C: v, 228 p., 15 pl. 1938 (on his 75-th anniv.).
Ungewitter, Neue Berliner Garten-Börse 3(5): 29. 1949.

Wagenitz, G., Willdenowia 2(3): 343-360. 1960 (major biography, add. bibl. to Wisniewski, portr.; d. 19 Dec 1948, Weimar; text basis of our caption); Index coll. princ. herb. Gotting. 28. 1982 (B. material at GOET).
Wisniewski, T., *in* O Schwarz, Bornmüller Festschrift, Repert. sp. nov. regn. veg. Beih. C (p. 11-27, main bibl.).1938.

NOTE: (1) For handwriting, Festschriften and Botanical Exploration see TL-2/1: 283-284.
(2) See Haussknecht, Heinrich Carl (1838-1903), TL-2/2: 103-104, for Herbarium Haussknecht (JE). Bornmüller was curator of this herbarium (see caption), but he kept his herbarium und library apart and gave it to B.

FESTSCHRIFTEN: (1) Bornmüller-Festschrift, herausgegeben von O. Schwarz, Repert. sp. nov. regn. veg., Beih. C, 228 p., 15 pl., publ. 1 Mar 1938 (75th anniv.).
(2) Branco, K., ed., Mitt. Thür. bot. Ver. ser. 2. 50, 252 p. 1943 (80th anniv.).

COMPOSITE WORKS: (1) *Neue Cousinien des Orients*, Genève 1895-1897, with C. Winkler (senior author), see TL-2/17.950. – *Copies*: B, G.

22.185. *Beiträge zur Kenntnis der Flora des bulgarischen Küstenlandes* ... Botanisches Centralblatt ... 1888. Oct.
Publ.: Oct-Nov 1888, p. [1]-30[?]. *Copy*: B (incomplete). – Reprinted and to be cited from Bot. Centralbl. 36(1): 25-29, (2): 41-44, 56-63, (3): 87-92, (4): 124-127, (5): 151-156. 1888.

22.186. Ein Beitrag zur Kenntnis der *Küstenflora des Persischen Golfes* [Nebst einem Nachtrag: Pflanzen aus dem Gebiete des oberen Euphrat] ... Sonder-Abdruck aus "Mittheilungen des Thür. Bot. Vereins", ... 1894. Oct.
Publ.: 1894, p. [1]-20. *Copy*: B. – Reprinted and to be cited from Mitth. Thür. bot. Ver. ser. 2. 6: 48-67. 1894.

22.187. *Nachtrag zu "Florula insulae Thasos"* ... Separat-Abdruck aus der "Oesterr. botan. Zeitschrift ... 1894". Oct.
Publ.: Apr-Jun 1894 (in journal; text signed 5 Mar 1894), p. [1]-11. *Copy*: B. – Reprinted and to be cited from ÖBZ 44(4): 124-128. Apr, (5): 173-176. Mai, (6): 212-216. Jun 1894. – *Fungi* determined by P. Magnus.
Original publ.: E. von Halácsy (1842-1913), *Florula insulae Thasos*, ÖBZ 42(12): 412-420. Dec 1892, 43(1): 22-24. Jan 1893.

22.188. *Zur Flora von Oberbaiern* ... Sonder-Abdruck aus "Mittheilungen des Thür. Bot. Vereins" ... 1895.
Publ.: 1895, p. [34-42]. *Copy*: B. – Reprinted and to be cited from Mitth. Thür. bot. Ver. ser. 2. 8: 34-42. 1895.

22.189. *Zur Flora Tessins* ... Genève (Imprimerie Romet, ...) 1896. Oct.
Publ.: Mar 1896 (in journal, mss. dated on p. 18: 1 Dec 1895). cover-t.p., p. [1]-18. *Copies*: B, G. – Reprinted and to be cited from Bull. Herb. Boisser 4(3): 147-162. 1896.

22.190. *Calamagrostis Lalesarensis* Torg. et Bornm. (spec. nov.) und einige floristische Notizen über des Lalesargebirge in Süd-Persien ... Separat-Abdruck aus der "Oester. bot. Zeitschrift", ... [1897]. Oct.
Co-author (for name): Emil Torges (1831-1917).
Publ.: Mar-Aug 1897 (in journal), p. [1]-8. *Copy*: B. – Reprinted and to be cited from ÖBZ 47(3): 77-78. Mar, (7): 242-244. Jul, (8): 287-291. Aug 1897.

22.191. Ueber *Onobrychis Bellevii* Prain ... Extrait du Bulletin de l'Herbier Boissier ... 1898. Oct.
Publ.: Sep 1898 (in journal; mss. finished 17 Aug 1898), p. [1]-2. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier 6(9): 755-756. 1898.

22.192. *Drei neue Dionysien* aus dem südlichen Persien ... Genève (Imprimerie Romet, ...) 1899. Oct.
Publ.: 24 Jan 1899 (in journal, text signed 19 Nov 1898), cover-t.p., p. [1]-9, [10], *pl. 2* (with text on p. 10; uncol. lith. Ch. Cuisin). *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier 7(1): 66-76, *pl. 2* with text. 1899.

22.193. Eine neue Colchicacee Assyriens. *Merendera Kurdica* Bornm. (sp. nov.) ... Extrait du Bulletin de l'Herbier Boissier ... 1899. Oct.
Publ.: 24 Jan 1899 (in journal; mss. signed 7 Dec 1898), p. [1]-2. *Copies*: L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 7(1): 79-80. 1899.

22.194. Ein *Beitrag zur* Kenntnis der *Flora von Syrien und Palästina* ... Aus den Verhandlungen der k.k. zoologisch-botanischen Gesellschaft in Wien ... 1898. Oct.
Publ.: Jan 1899 (fide ÖBZ Mar 1899 publication in journal; read 10 Sep 1898), p. [1]-111. *Copy*: B. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 48: 544-653. 1898.
Ref.: Anon., ÖBZ 49: 111-112. 1 Mar 1899 (rev.).

22.195. Hypericum pumilio, Cerasus hippophaoides, Sedum rodanthum, *drei neue Arten aus dem östlichen Anatolien* ... Separatabdruck aus der "Oesterr. botan. Zeitschrift" ... 1899. Oct.
Publ.: Jan 1899 (in journal, mss. signed 26 Nov 1898), p. [1]-4. *Copy*: B. – Reprinted and to be cited from ÖBZ 49(1): 14-17. Jan 1899.

22.196. *Drei neue Arten aus dem östlichen Assyrien*: Silene schizopetala, Asperula asterocephala, Stachys fragillima ... Extrait du Bulletin de l'Herbier Boissier ... 1899. Oct.
Publ.: 16 Feb 1899 (in journal, text signed 5 Dec 1898), p. [1]-6. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier 7(2): 114-119. 1899.

22.197. *Zwölf neue Nepeta-Arten* aus Persien, Kurdistan und Kleinasien ... Genève (Imprimerie Romet, ...) 1899. Oct.
Publ.: 29 Apr 1899 (in journal, text signed 4 Jan 1899), p. [1]-25. *Copies*: G, L, U. – Reprinted and to be cited from Bull. Herb. Boissier 7(4): 229-253. 1899.

22.198. *Crocus hermoneus* Ky. ... Extrait du Bulletin de l'Herbier Boissier ... 1899. Oct.
Publ.: 30 Dec 1899 (in journal), p. [1]-5. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier 7(12): 922-926. 1899.

22.199. *Physoptychis Haussknechtii* Bornm. (sp. nov.) ... Sonder-Abdruck aus "Mittheilungen des Thür. Bot. Vereins" ... 1899. Oct.
Publ.: 1899 (mss. signed Nov 1898), p. [1]-3. *Copy*: B. – Reprinted and to be cited from Mitth. Thür. bot. Ver. ser. 2. 13: 1-3. 1899.

22.200. *Ein neuer*, bisher verkannter *Bürger der europäischen Flora* ... Separat-Abdruck aus der "Oesterr. botan. Zeitschrift" ... 1900. Oct.
Publ.: Mar-Apr 1900 (in journal), p. [1]-5. *Copy*: B. – Reprinted and to be cited from ÖBZ 50(3): 90-93. Mar, (4): 139-140. Apr 1900.

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22.202. *Ueber zwei für die Flora von Makaronesien neue Arten der Gattung Umbilicus* ... Extrait du Bulletin de l'Herbier Boissier ... 1902. Oct.

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22.203. *Senecio Murrayi* Bornm., eine unbeschriebene Art von Ferro sowie einige floristische Notizen über diese Insel ... Beiblatt zu den Botanischen Jahrbüchern ... 1903.

Publ.: 13 Mar 1903 (date on p. [1]), cover (identif.), p. [1]-11. *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 33(2) Beibl. Nr. 72: 1-11. 1903.

22.204. *Weitere Beiträge zur Gattung Dionysia* ... Extrait du Bulletin de l'Herbier Boissier ... 1903. Oct.

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22.205. *Sisymbrium Kneuckeri* Bornm. sp. nov. ... Separatabdruck aus "Allgemeine Botanische Zeitschrift" ... Karlsruhe i.B. 1903. Oct.

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22.206. *Plantae nonnullae ex Asia Media novae* ... Sonder-Abdruck aus "Mittheilungen des Thür. Bot. Vereins" ... 1903. Oct.

Publ.: 1903, p. [49]-54, *Copy*: B. – Reprinted and to be cited from Mitth. Thür. bot. Ver. ser. 2. 18: 49-54. 1903.

22.207. *Ergebnisse zweier botanischer Reisen* nach Madeira und den Canarischen Inseln ... [Reprinted from A. Engler, Botanische Jahrbücher ... 1903]. Oct.

Publ.: 8 Dec 1903 (in journal), p. [387]-492. *Copies*: B, L. – Reprinted and to be cited from Bot. Jahrb. 33(3): 387-492. 8 Dec 1903.

22.208. *Dritter Beitrag zur Kenntnis der Gattung Dionysia* (Zwei neue Arten aus West-Persien) ... Extrait du Bulletin de l'Herbier Boissier ... 1904. Oct.

Publ.: 31 Mai 1904 (in journal, text signed on p. 9: Feb 1904), cover-t.p., p. [i], [1]-9, *pl. 2-3* with text. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 4(6): 513-521, *pl. 2-3* with text. 1904.

22.209. Ein Beitrag zur Kenntniss der *Orobanchenflora Vorderasiens* ... Extrait du Bulletin de l'Herbier Boissier ... 1904. Oct.

Publ.: 30 Jun 1904 (date on p. 673), p. [1]-15. *Copies*: G, L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 4(7): 673-687. 1904.

22.210. *Beiträge zur Flora der Elbursgebirge* Nord-Persiens ... Bulletin de l'Herbier Boissier ... 1904. Oct.

Publ.: [*1*]: 31 Oct 1904 (in journal), p. [1]-16. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 4(11): 1073-1088. 1904.

[*2*]: 5 Dec 1904, p. [17]-32. – Id. ser. 2. 4(12): 1257-1272. 1904.

[*3*]: 30 Dec 1904, p. [33]-48. – Id. ser. 2. 5(1): 49-64. 1904.

[*4*]: 31 Jan 1905, p. [49]-64. – Id. ser. 2. 5(2): 117-132. 1905.

[*5*]: 30 Jun 1905, p. [65]-80. – Id. ser. 2. 5(7): 639-654. 1905.

[*6*]: 31 Jul 1905, p. [81]-96. – Id. ser. 2. 5(8): 752-767. 1905.

[*7*]: 31 Aug 1905, p. [97]-110. – Id. ser. 2. 5(9): 837-850. 1905.

[*8*]: 30 Sep 1905, p. [111]-114. – Id. ser. 2. 5(10): 969-972. 1905.

[*9*]: 31 Jul 1906, p. [115]-130, *1 pl.* – Id. ser. 2. 6(8): 605-620, *1 pl.* 1906.

[*10*]: 31 Aug 1906, p. [131]-146. – Id. ser. 2. 6(9): 765-780. 1906

[*11*]: 31 Dec 1906, p. [147]-158. – Id. ser. 2. 7(1): 32-43. 1906.
[*12*]: 28 Feb 1907, p. [159]-174. – Id. ser. 2. 7(3): 209-224. 1907.
[*13*]: 30 Apr 1907, p. [175]-186. – Id. ser. 2. 7(5): 425-436. 1907.
[*14*]: 31 Aug 1907, p. [187]-202. – Id. ser. 2. 7(9): 773-788. 1907.
[*15*]: 30 Nov 1907, p. [203]-218, *pl.9*. – Id. ser. 2. 7(12): 965-980, *pl. 9*. 1907.
[*16*]: 31 Jan 1908, p. [219]-234, *pl. 2*. – Id. ser. 2. 8(2): 109-124, *pl. 2*. 1907.
[*17*]: 31 Jul 1908, p. [235]-250. – Id. ser. 2. 8(8): 545-560. 1908.
[*18*]: 30 Sep 1908, p. [251]-266. – Id. ser. 2. 8(10): 723-738. 1908.
[*19*]: 31 Oct 1908, p. 267-282. – Id. ser. 2. 8(11): 821-836. 1908.
[*20*]: 30 Nov 1908, p. 282-298. – Id. ser. 2. 8(12): 915-930. 1908.
Copies: G, U, US.

22.211. *Plantae Straussianae* ... Sonderabdruck aus den Beiheften des Botanischen Centralblattes Bd. xix, xx, xxii, xxiv, xxvi (Abt. 2) 1906-1910. Oct.
Collector: Theodor Strauss (1859-1911), see IH 2(6): 966. – Main collections at JE.
Publ.: 1906 [1906]-1910 (in journal), the Sonderabdruck contains the 5 publications 1905-1910, see below. *Copy*: B.
Cover-t.p.: 1905 [1906]-1910, p. [i].
[*1*]: 1906, p. [195]-270. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 19(2): 195-270. 1905. – Full title on p. [195]: "*Plantae Straussianae* sive enumeratio plantarum a Th. Strauss annis 1889-1899 in Persia occidentali collectarum". – *Ranunculaceae - Dipsacaceae*.
[*2*]: 1906, p. [151]-196. – Id. 20(2): 151-196. 1906. – *Compositae - Solanaceae*.
[*3*]: 1907, p. [102]-142. – Id. 22(1): 102-142. 1907. – *Scrophulariaceae - Plantaginaceae*.
[*4*]: 1908, p. [85]-112. – Id. 24(1): 85-112. 1908. – *Cynocrambaceae - Juncaceae*.
[*5*]: 1910, p. 434-444. – Id. 26(3): 434-444. 1910. – *Cyperaceae - Equisetaceae*, index. – Rev. by Matouschek, F., Bot. Centralbl. 131(7): 112. 15 Feb 1916.
Continuation: See *Collectiones Straussianae novae* 1910-1911.

22.212. *Vierter Beitrag zur Kenntnis der Gattung Dionysia* (Dionysia peduncularis Bornm. spec. nov.) ... Extrait du Bulletin de l'Herbier Boissier ... 1905. Oct.
Publ.: 28 Feb 1905 (in journal), p. [1]-3. *Copies*: L, U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 5(3): 261-263. 1905.

22.213. *Novitiae florae orientalis* ... Sonder-Abdruck aus "Mitteilungen des Thür. Bot. Vereins" ... 1905 [-1910]. Oct.
Publ.: *Series 1* (1-53): 15 Apr 1905 (date on p. 1 of reprint, mss. submitted 1 Oct 1904), p. [1]-51. *Copies*: B, L. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 20: 1-51. 1905.
Series 2 (54-58): 1906 (mss. submitted 27 Mar 1906). – Id. ser. 2. 21: 79-83. 1906.
Series 3 (59-64): 1907 (mss. submitted 12 Mar 1907), p. [42]-52. *Copy*: B. – Id. ser. 2. 22: 42-52. 1907.
Series 4 (65-87): 1908 (mss. submitted 12 Jan 1908), p. [1]-27. *Copy*: B. – Id. ser. 2. 23: 1-27. 1908.
Series 5 (88-90): 1910 (mss. submitted 1 Feb 1910). – Id. ser. 2. 27: 22-24. 1910.

22.214. *Über eine verkannte Geum-Art* der nordpersischen Flora und kritische Bemerkungen über die Sektionen Orthostylus (Orthurus) und Oligocarpa dieser Gattung ... Sonder-Abdruck aus "Mitteilungen des Thür. Bot. Vereins" ... 1906. Oct.
Publ.: 1906 (mss. submitted 8 Jan 1906), p. [53]-62, [i, expl. pl.], *1 pl.* (photo). *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 21: 53-62, *1 pl.* 1906.

22.215. Ueber eine neue Serratula-Art der anatolischen Flora (*Serratula Aznavouriana* Bornm.) ... Bulletin de l'Herbier Boissier ... 1906. Oct.

Publ.: 28 Feb 1906 (in journal; text signed 7 Feb 1906), p. [i, identif.], p. [1]-2. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 6(3): 233-234. 1906.

22.216. Ueber eine *neue Art der Gattung Trichodesma* aus der Flora des südlichen Persiens ... Bulletin Herbier Boissier ... 1906. Oct.

Publ.: 31 Mar 1906 (date in journal), p. [1]-2. *Copies*: U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 6(4): 277-288. 1906.

22.217. *Papilionacearum species* quaedam novae e *flora Phrygiae* (Originaldiagnosen) ... Repertorium novarum specierum regni vegetabilis ... 1906. Oct.

Publ.: 31 Oct 1906 (in journal), p. [129]-132. *Copy*: L. – Reprint (or tearsheet?) from Fedde Repert. spec. nov. 3(35): 129-132. 1906.

22.218. *Notes complémentaires sur le voyage d'Edmond Boissier en Lydie* (1842) ... Extrait du Bulletin de l'Herbier Boissier ... 1908. Oct.

Publ.: 30 Nov 1908 (in journal), p. [1]-3. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 8(12): 931-933. 1908.

22.219. *Florula Lydiae* ... [Mitteilungen des Thüringischen Botanischen Vereins ... Weimar (im Selbstverlage des Vereins)] 1908. Oct.

Publ.: 31 Dec 1908 (date on cover), cover (identif.), p. [i-iii], [1]-143, *1 col. phot. Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 24: 1-143, *1 pl.* 1908.

22.220. Einige *floristische Notizen aus Gröden in Südtirol* ... Sonderabdruck aus der Zeitschrift des Ferdinandeums ... [1908]. Oct.

Publ.: 1908, p. [286]-296. *Copy*: B. – Reprinted and to be cited from Zeitschr. Ferdinandeums 3(52): 286-296. 1908.

22.221. *Ergebnisse* einer im Juni des Jahres 1899 *nach* den *Sultan-dagh in Phrygien unternommenen botanischen Reise* nebst einigen anderen Beiträgen zur Kenntnis der Flora dieser Landschaft Inner-Anatoliens ... Sonderabdruck aus "Beihefte zum Botan. Centralblatt" ... Dresden (Verlag C. Heinrich, ...) 1909. Oct.

Publ.: 1909, cover (identif.), p. [440]-503. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 24(3): 440-503. 1909.

22.222. *Collectiones Straussianae novae*. Weitere Beiträge zur Kenntnis der Flora West-Persiens ... Sonderabdruck aus "Beihefte zum Botanischen Centralblatt" ... Dresden-N. (Verlag von C. Heinrich) [1910-1911]. Oct.

Collector: Theodor Strauss (1859-1911), see above the first set of publications *Plantae Straussianae* 1905-1910.

Publ.: [*1*]: 1910, cover (identif.), p. [288]-347. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2. 27(2): 288-347. 1910.

[*2*]: 1911, cover (identif.), p. [225]-267. *Copy*: B. – Id. 28(2): 225-267. 1911.

[*3*]: 1911, no reprint seen, publ. in Id. 28(3): 458-535, *pl. 2*. 1911.

22.223. *Bearbeitung der von J.A. Knapp im nordwestlichen Persien gesammelten Pflanzen* ... Separat-Abdruck aus den Verh. k.k. zoologisch-botanischen Gesellschaft in Wien ... 1910. Oct.

Collector: Josef Armin Knapp (1843-1899), see TL-2/2: 572.

Publ.: 1910 (read 18 Mar 1909), cover-t.p., p. [61]-194. *Copy*: B. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 60: 61-194. 1910.

22.224. *Compositarum species* nonnullae novae *e flora Asiae-Mediae* ... Russkii botan. Zurnal ... 1911. Oct.

Publ.: 1911 (mss. signed 17 Dec 1910), p. [1]-6, *pl. 1-3* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Russk. Bot. Zurn. 1911(1): 1-6, *pl. 1-3*. – This reprint contains as well *Labiatae novae Persiae* on p. 6-8, also from Russk. Bot. Zurn. 1911(1): 6-8.

22.225. *Revision einiger syrischer Astragalus-Arten* der Sektion Rhacophorus ... Sonder-Abdruck aus "Mitteilungen des Thür. Bot. V." ... 1911. Oct.

Publ.: 1911 (mss. submitted 3 Mar 1911), p. [43]-56. *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 28: 43-56. 1911.

22.226. *Iter Persico-turcicum* 1892-1893. Beiträge zur Flora von Persien, Babylonien, Assyrien, Arabien ... Sonderabdruck aus "Beihefte zum Botanischen Centralblatt" ... 1911. Oct.

Publ.: 1911, cover (identif.), p. [89]-171. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 28(1): 89-171. 1911.

Fortsetzung I: 1937, cover (identif.), p. [247]-294. *Copy*: B. – Id., Abt. B, 57(1/2): 247-294. 1937.

Fortsetzung II: 1938, cover (identif.), p. [252]-302. *Copy*: B. – Id. 58(2): 252-302. 1938.

Fortsetzung III: 1939, cover (identif.), p. [181]-228. *Copy*: B. – Id. 60(1/2): 181-228. 1939.

22.227. *Zur Flora von Palaestina* ... Budapest (Pallas Irodalmi és Nyomdai Részvénytarsaság) 1912. Oct.

Publ.: Jan-Apr 1912 (in journal), cover-t.p., p. [1]-10. *Copy*: B. – Reprinted and to be cited from Magyar bot. Lapok 11: 3-12. 1912.

Note (1): See also a publication by B. *Zur Flora Palästinas*, Beih. Bot. Centralbl., Abt. 2, 29(1): 12-15. 1912.

Note (2): A number of corrections given in Mitt. Thür. bot. Ver. ser. 2. 30: 73 (footnote). 1913.

22.228. *Ein Beitrag zur Kenntnis der Gattung Cousinia* ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift" ... 1912-1913. Oct.

Publ.: *1*: (*Neue Arten der orientalischen Flora*): Apr-Mai 1912, p. [1]-12, *pl. 23* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from ÖBZ 62(4): 105-109. Apr, (5): 181-189. Mai 1912.

2 (*Ergänzung zu Winklers "Mantissa"*): Jul-Dec 1912, p. [1]-23. *Copy*: B. – Id. ÖBZ 62(7): 257-262. Jul, (8/9): 317-322. Aug-Sep, (10): 387-393. Oct, (11): 423-426. Nov, (12): 473-477. Dec 1912.

Note: For "Winklers 'Mantissa'" see C.G.A. Winkler, TL-2/7: 368-369, and TL-2/17.950 *Mant. syn. Cousiniae* 1897.

3 (*Mitteilungen über weitere neue Funde*): Feb 1913, p. [1]-9, *pl. 1*. *Copy*: B. – Id. ÖBZ 63(2): 54-63, *pl. 1*. 1913.

4 (*Neue Arten aus Persien und Transkaukasien*): Jul 1913, p. [1]-3. *Copy*: B. – Id. ÖBZ 63(7): 265-268. 1913.

5 (*Bearbeitung neuer Sammlungen aus Zentral-Asien*): 1916, cover (identif.), p. [131]-203. *Copy*: B. – Id. Beih. Bot. Centralbl., Abt. 2, 34(1): 131-203. 1916.

6 (*Die Gattung Cousinia im Königlichen Botanischen Museum in Berlin-Dahlem*): 1916, cover (identif.), p. [267]-293. *Copy*: B. – Id. Beih. Bot. Centralbl., Abt. 2, 34(2): 267-293. 1916. – Review by Matouschek, F., Bot. Centralbl. 137(25): 395-396. 18 Jun 1918.

7 (*Über eine neue Art der Sektion Odontocarpae aus Tibet*): 1919, cover (identif.), p. [207]-209, *pl. 11* (uncol. phot.). *Copy*: B. – Id. Beih. Bot. Centralbl., Abt. 2, 37(1/2): 207-209, *pl. 11*. 1919.

8-9: (*Zwei neue Arten* der Sektionen Drepanophorae und Heteracanthae ... [9] *Zur Cousinienflora des nordwestlichen Persiens*): 1926, *in* ÖBZ 75(10/12): 231-238. 1926 (no reprint seen).

10 (*Cousiniae Cavarae* Bornm. aus Khorassan und neue Standortsangaben auch aus dem westlichen Persien), 1929, cover-t.p., p. [1]-4. *Copy*: B. – Id. Mitt. Thür. bot. Ver. ser. 2. 38: 48-51. 1929.

11: (*C. falcinella* Bornm. (sp. nov.) aus dem nordöstlichen Persien, Typ einer neuen Sektion Falcinellae): 25 Mai 1929 (in journal), p. 178-189. *Copy*: B. – Id. Fedde Repert. spec. nov.

26: 178-179. 1929.

12 (*Neue Arten und bemerkenswerte Formen aus Persien und aus Persien und Turkestan*): 31 Dec 1934 (in journal), cover-t.p., p. 323-338, *pl. 181*. *Copy*: B. – Id. 36: 323-338. 1934.

13 (*Fünf neue Arten aus Persien und Transjordanien*): 30 Sep 1936 (in journal), p. 340-348. *Copy*: B. – Id. 40: 340-348. 1936.

14 (*Über einige Herbarfunde des Naturhistorischen Museums in Wien*): 25 Jul 1939 (in journal), p. 273-285. *Copy*: B. – Id. 46: 273-285. 1939.

Verzeichnis der seit C. Winklers Mantissa 1897 publicierten neuen Arten u. Varietäten der Gattung Cousinia. Weimar 1939, p. [1]-21. *Copy*: B. – Lithograph of a manuscript by Bornmüller.

Verzeichnis der bekannten Arten der Gattung Cousinia s.l.n.d. (ca. 1945), p. [i-ii], [1]-23. *Copy*: B. – Id.

See also: *Neue Arten der Gattung Cousinia aus der Flora Persiens* (Provinz Khorasan) ... 1940, below.

22.229. *Tulipa Straussii* Bornm., eine neue Art der Flora Persisch-Kurdistans ... Sonderabdruck aus "Mitteilungen des Thür. Bot. V." ... 1922. Oct.

Collector: Theodor Strauss (1859-1922), see IH 2(6): 966. 1986.

Publ.: 1912 (mss. submitted 26 Nov 1911), p. [43]-48, *pl. 2* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 29: 43-48. 1912.

22.230. *Notizen aus der Flora der südlichen Karpathen* ... Sonderabdruck aus "Mitteilungen des Thür. Bot. V." ... 1913. Oct.

Publ.: 1913, p. [49]-65. *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 30: 49-65. 1913.

22.231. *Weitere Beiträge zur Flora von Palaestina* ... Sonderabdruck aus "Mitteilungen des Thür. Bot. V." ... 1913. Oct.

Publ.: 1913 (mss. submitted 1 Dec 1912), cover-t.p., p. [73]-86, *pl. 1* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 30: 73-86, *pl. 1*. 1913.

22.232. *Generis Cousiniae species in Caucaso* nec non in Transcaucasia crescentes ... Tiflis 1913. Oct.

Publ.: 1913, cover-t.p., p. [1]-13, *pl. 1-3* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Moniteur Jard. bot. Tiflis 30: 15-26. 1913.

22.233. *Florae Transcaucasiae novitates* ... Tiflis ... 1914. Oct.

Publ.: 1914, p. [1]-9. *Copy*: B. – Reprinted and to be cited from Moniteur Jard. bot. Tiflis 32: 1-9. 1914.

22.234. *Zur Flora des Libanon und Antilibanon* ... Sonderabdruck aus "Beihefte zum Botan. Centralblatt" ... 1914. Oct.

Publ.: 1914, cover-t.p., p. [177]-279, 280a, 280b, *pl. 1-2* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl. Abt. 2, 31(2): 177-279, 280a, 280b, *pl. 1-2*. 1914.

Ref.: Irmscher, E., Bot. Centralbl. 128(3): 70-71. 19 Jan 1915 (rev.).

22.235. *Zwei neue Astragalus-Arten der Flora Persiens* ... Sonder-Abdruck aus "Mitteilungen des Thür. Bot. V." ... 1914. Oct.

Publ.: 1914 (mss. submitted 7 Feb 1914), p. [56]-58, *pl. 1-2* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 31: 56-58, *pl. 1-2*. 1914.

22.236. *Reliquiae Straussianae*. Weitere Beiträge zur Kenntnis der Flora des westlichen Persiens ... Sonderabdruck aus "Beihefte zum Botan. Centralblatt" ... 1914-1915. Oct.

Collector: Theodor Strauss (1859-1922), see IH 2(6): 966. 1986.

Publ.: *1*: 1914, cover-t.p. (for parts 1 and 2 together), p. [349]-419, *pl. 12-19* (uncol. phot.). – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 32(3): 349-419, *pl. 12-19*. 1914.
2: 1915, p. [165]-269. – Id. 33(2): 165-269. 1915.
Copy: B.
Ref.: Matouschek, F., Bot. Centralbl. 131(25): 664-665. 20 Jun 1916 (rev.).

22.237. *Plantae Brunsianae*. Aufzählung der von F. Bruns im nördlichen Persien gesammelten Pflanzen ... Sonderabdruck aus "Beihefte zum Bot. Centralbl." ... 1915. Oct.
Collector: Ferdinand Bruns, teacher at the German school in Teheran 1909-1910, collections at HBG.
Publ.: 1915, cover-t.p., p. [270]-324, *pl. 2* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 33(2): 270-324, *pl. 2*. 1915.
Note: For earlier publication on the flora of N. Persia by Bornmüller see *Beitr. Elbursgebirge N.-Pers.* 1904-1908, above.
Ref.: Matouschek, F., Bot. Centralbl. 131(25): 662-664. 20 Jun 1916 (rev.).

22.238. *Näheres über Cousinia bulgarica* C. Koch ... Budapest (Pallas Irodalmi és Nyomdai Részvénytársaság) 1916. Oct.
Publ.: Apr-Jun 1916 (mss. signed 20 Feb 1916), cover-t.p., p. [1]-6. *Copy*: B. – Reprinted and to be cited from Magyar bot. Lapok 15(1-5): 2-7. 1916.

22.239. *Über Brutknospen- und Gabelbildung an Wedeln von Phyllitis hybrida* (Milde) Christensen ... Sonder-Abdruck aus "Mitteilungen des Thür. Bot. V." ... 1916. Oct.
Publ.: 1916 (after Apr 1916, see p. 10, note 2), p. [7]-10, *pl. 2* (uncol. lith.). *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 33: 7-10, *pl. 2*. 1916.

22.240. *Einige Bemerkungen über die Verbreitung von Alopecurus setarioides* Gren. ... Sonder-Abdruck aus "Mitteilungen des Thür. Bot. V." ... 1916. Oct.
Publ.: 1916, p. [30]-32. *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 33: 30-32. 1916.

22.241. *Zur Flora des nördlichen Syriens* ... Notizblatt des Königl. botanischen Gartens und Museums ... Berlin-Dahlem. 1917. Oct.
Publ.: 15 Mai 1917 (in journal), p. [1]-44. *Copies*: B, U. – Reprinted and to be cited from Notizbl. Kön. Bot. Gart. Mus. Berlin-Dahlem 7(63): 1-44. 1917.

22.242. *Zur Flora des nördlichen Mesopotamiens* ... Sonderabdruck aus dem Notizblatt des Königl. botanischen Gartens und Museums zu Berlin-Dahlem (Post Steglitz) ... [1917]. Oct.
Publ.: 1 Sep 1917 (in journal), cover-t.p., p. [133]-178. *Copy*: B. – Reprinted and to be cited from Notizbl. Kön. Bot. Gart. Mus. Berlin-Dahlem 7(64): 133-178. 1917. – See also his *Zur Flora des nördlichen Syriens*, ib. 7(63): 1-44. 1917, (above).
Ref.: Herter, W., Bot. Centralbl. 138(8): 121. 20 Aug 1918 (rev.).

22.243. [*Dianthus-Bastard*] ... Sonder-Abdruck aus "Mitteilungen des Thür. Bot. V." ... 1918. Oct.
Publ.: 1918, p. [14]-16. *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 34: 14-16. 1918.

22.244. *Notizen zur Flora Oberfrankens*, nebst einige Bemerkungen und eine neue Form von Polystichum Lonchitis (L.) Roth im Alpengebiet ... Sonderabdruck aus " Beihefte zum Bot. Centralbl." ... 1918. Oct.
Publ.: 1918, cover (identif.), p. [183]-199, *pl. 1* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 36(1/2): 183-199, *pl. 1*. 1918.

22.245. *Revisions-Ergebnisse einiger orientalischer und zentralasiatischer Arten der Gattung Echinops* ... Sonderabdruck aus "Beihefte zum Bot. Centralbl." ... 1918. Oct.

Publ.: 1918, cover (identif.), p. [200]-228. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 38(2): 200-228. 1918.

22.246. *Ein Beitrag zur Kenntnis der Gattung Asyneuma* Griseb. ... Sonderabdruck aus "Beihefte zum Bot. Centralbl." ... 1921. Oct.

Publ.: 1921, cover (identif.), p. [333]-351. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 38(2): 333-351. 1921.

22.247. Ein kleiner Beitrag zur Kenntnis der *Flora des Steppengebietes am oberen Euphrat* sowie Nord-Syriens ... Sonderabdruck aus "Beihefte zum Bot. Centralbl." ... 1921. Oct.

Publ.: 1921 (mss. signed 1 Apr 1919, sic), p. [431]-457, *pl. 3* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl., Abt. 2, 38(3): 431-457, *pl. 3*. 1921.

22.248. *Zur Gattung Centaurea* ... Sonderabdruck aus "Beihefte zum Bot. Centralbl." ... 1921. Oct.

Publ.: 1921, p. [458]-465. *Copy*: B. – Reprinted and to be cited from Beih. Bot. Centralbl. Abt. 2, 38(3): 458-465. 1921.

22.249. *Beiträge zur Flora Mazedoniens* I [-III]. Sammlungen in den Kriegsjahren 1916-1918 ... Beiblätter zu den Botanischen Jahrbüchern ... 1924-1927. Oct.

Publ.: *1*: 15 Mai 1924 (in journal), Bot. Jahrb. 59: 294-504. 1924.

2: 1 Apr 1926 (in journal; in reprint 1928), p. [1]-125. *Copies*: B, U. – Issued as and to be cited from Beibl. Bot. Jahrb. 60(3) (Beibl. 136): 1-125. 1926.

3: 15 Nov 1927 (in journal; in reprint 1928), p. [1]-195, [i, on verso of 195: imprint]. *Copies*: B, U. – Id. 61(4) (Beibl. 140): 1-195. 1927.

Note (1): Parts 2 and 3 were also issued as a reprint as " *Beiträge zur Flora Mazedoniens II-III* ..." Leipzig (Verlag von Max Weg) 1928. *Copy*: B.

Note (2): See also *Zur Flechtenflora Macedoniens* 1928, below.

22.250. *Zur Kenntnis einiger orientalischer Teucrium-Arten* der Sectio Chamaedrys ... Mitteilungen des Thüringischen Botanischen Vereins ... 1927. Oct.

Publ.: 1927, cover-t.p., p. [1]-8. *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 37: 55-61. 1927.

22.251. *Bearbeitung der von H. Burgeff und Th. Herzog* in den Kriegsjahren 1916-1918 *gesammelten Pflanzen* ... I ... Allgem. botan. Zeitschrift ... 1927. Oct.

Publ.: *1*: 1 Mar 1927 (in journal), cover-t.p., p. [i, t.p.], 16-17. *Copy*: B. – Reprinted and to be cited from Allg. Bot. Z. 30: 184-205. 1927 ("1926").

2: 25 Mai 1928 (in journal), Id. 33: 25-38 (also 249-262). 1928.

22.252. *Kritische Bemerkungen über annuelle Hippocrepis-Arten* ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1928. Oct.

Publ.: 1 Dec 1928 (in journal), p. [421]-451. *Copy*: B. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 18(95): 421-451. 1928.

22.253. *Zur Flechtenflora Macedoniens*. Adatok Macedonia zuzmóflórajának ismeretéhez ... Separatabdruck aus der Zeitschrift "Ungarische Botanische Blätter" ... 1928. Oct.

Publ.: 8 Mai 1929 (in journal), p. [98]-104. *Copy*: B. – Reprinted and to be cited from Magyar bot. Lapok 27(1-12): 98-104. 1929.

22.254. *Notizen aus der Flora des Fichtelgebirges*, der Rhön und Thüringens ... Separat-Abzug aus den Mitteilungen des Thüringischen Botanischen Vereins ... 1929. Oct.

Publ.: 1929, cover-t.p., p. [1]-9. *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 38: 1-9. 1929.

22.255. *Zur Kenntnis* einiger orientalischer *Teucrium-Arten der Section Chamaedrys* ... Separat-Abzug aus den Mitteilungen des Thüringischen Botanischen Vereins ... 1929. Oct.
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Boros, Ádám (1900-1973), Hungarian botanist (bryologist, florist, geo-botanist), studied at the University of Budapest 1918-1922, Dr. bot. 1922, employed by the Hungarian medical plants station from 1922, director ib. 1945, also with the state agricultural botany institute, lecturer at the Pázmány Péter University 1929, professor 1949, Dr. biol. sci. at the Science Academy Budapest. (*Boros*).

HERBARIUM and TYPES: BP. – Further material at DBV, DE, M, OULU, W.

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Borrer, William (1781-1862), British botanist and horticulturist, born at Henfield in Sussex, educated by private tutors, self-made botanist, "with ample leisure and an adequate income", associated with W.J. Hooker and D. Turner, travelled extensively throughout Britain, later closely associated with C.C. Babington. (*Borrer*).

HERBARIUM and TYPES: K, further material at BM (in herb. E. Forster), CGE, DBN, E, GL, GOET (lich.), HAMU, LINN, LIV, M (lich.), MANCH, NMW, OXF, SFD.

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EPONYMY: *Borreria* G.F.W. Meyer 1818 (ING 1: 221).

Borszczow [Borsrzow, Borstehof], **Elias** [Elia, Ilja] **Grigorjewitsch** (1833-1878), Russian botanist, St. Petersburg born, educated at the Peter School and the Alexandrow-Lyceum in St. Petersburg 1846-1853, employed with the Finance Department, joined an expedition to the Aral Sea, later studied with Schenk in Würzburg, Dr. phil. Würzburg 1861, with the University of Kiew 1862-1865, lecturer ib. 1866-1878. (*I.G. Borshch.*).

HERBARIUM and TYPES: LE. – Further material in K.

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Co-author: Grigori Grigrievicz Borszczow, fl. 1857, brother of E.G. Borszczow.
Publ.: Dec 1855 (p. 148: "impresso finita m. Decembri 1855"), p. [135]-148. *Copy*: G. – Preprinted from A.I. von Middendorff, Reise Siber. 1(2, Bot.) Lief. 3: 135-148. 14 Jan 1856 (see TL-2/5978). – Trautvetter no. 165 (n.v., sic).

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Publ.: Jun 1860 (mss. submitted 30 Sep 1859, date of printing on p. [ii]), p. [i-ii], [1]-45, *pl. 1-3* (uncol. liths.). *Copies*: G, U. – Issued as Mém. Acad. Imp. Sci. St.-Pétersbourg ser. 7 3(1). 1860. – Trautvetter no. 158.

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Anon., Bull. Soc. bot. France 21(Bibl.): 233-234. 1874 (rev.).

Borszczow, Gregorius (Grigori Grigorievicz) (fl. 1857), Russian botanist, brother of Elias Borszczow. (*G.G. Borshch.*).

HERBARIUM and TYPES: LE.

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***Bory de Saint-Vincent, Jean Baptiste Geneviève Marcellin**, Baron de (1778-1846), French soldier, geographer, naturalist and explorer, in the French army 1799 until 1840, seconded the expedition with Baudin to Australia 1801, stayed on the Isle de Bourbon and the Canary Islands 1801-1802, on active service in the German-French war 1806-1807, on the scientific expedition to Greece 1829, id. Algeria 1840-1842. (*Bory*).

HERBARIUM and TYPES: P and PC, further material in B, C, FI i.a. fungi), G, H, HBG, K, L (algae in Kuetzing herb.), M (lich.), MPU, PH, RB, W (orch. and plants from Louisiana).

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(2) With J.P.F.C. Montagne, *Sur un nouveau genre de la famille des hépatiques*, 1843, see TL-2/6245.
(3) See also BM 1: 204 for a further listing of works in which B. was involved.

22.289. *Sur les Grenadilles ou Passionaires*, et particulièrement sur celles dont les feuilles sont bilobées, avec la description de deux espèces nouvelles, appartenant à cette famille: Passiflora Maximiliana et Passiflora Cephaleima ... Bruxelles (De l'Imprimerie de Weissenbruch, ...) 1819. Oct.

Publ.: 1819, cover-t.p., p. [1]-28, *1 pl.* (p.p. col.). *Copies*: B, G. – Reprinted and to be cited from Ann. gén. Sci. phys. 2(5): 129-156, *pl. 22*. 1819.

22.290. *Sur un nouveau genre de la famille des Hépatiques* ... Extrait des Annales des Sciences naturelles ... [Paris (Imprimerie de Bourgogne et Martinet, ...)] 1844. Oct.
Co-author: Jean Pierre François Camille Montagne (1784-1866), see TL-2/3: 557-564.
Preliminary publ. (same title): 22 Mai-30 Jun 1843, see TL-2/6245: p. [1]-5. *Copy*: FI. – Reprinted and to be cited from C.R. Acad. Sci., Paris 16: 1112-1116. 1843.
Final publ.: Apr 1844 (in journal), p. [1]-13. *Copy*: L. – Reprinted and to be cited from Ann. Sci. nat., Bot. 1: 223-235. 1844.

***Borza, Alexandru** (1887-1971), Roumanian botanist, born at Alba Julia, studied at the University of Budapest 1911, teacher at the Roumanian lyceum at Blaj, Dr. phil. Budapest 1913, studied in Germany 1913-1914 with F. Pax in Breslau and A. Engler, Berlin, again teaching at secondary schools 1914-1919, professor of systematic botany and director of the Garden and Botanical Museum at Cluj 1919-1947. (*Borza*).

HERBARIUM and TYPES: CL, further material in B, BUC, CERN, GB, HH, P. – Published also *Schedae ad "Floram Romaniae exsiccatam"* a Museo botanico Univ. Clus. edit.

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(2) Anon., Contrib. Bot. Cluj 1967, p. 23-28, nos. 340-448.
(3) Pop, E., Contributii botanice 1972, p. 35-36, nos. 449-470.

NOTE: A. Borza has been editor of Bul. Inform. Grăd. Bot. Univ. Cluj (later: Bul. Grăd. Bot. Univ. Cluj) from 1921 (vol. 1) till 1948 (vol. 28).

22.291. Die *Vegetation und Flora Rumäniens* ... Cluj (Institutul de Literatura si Tipografia "Minerva" S.A.) 1931. Oct. (*Veg. Fl. Rumän.*).
Publ.: 1931, cover-t.p., p. [1]-55, *pl. 1* (map). *Copies*: L, MO, U. – An amended and separately published text from Guide de la Sixième Excursion Phytographique Internationale, Roumanie 1931 (see also ÖBZ 81(1): 70-71. 1932).

22.292. *Flora stânei de vale.* I. Plantele vasculare. Die Flora von Stâna de Vale. I. Gefässpflanzen ... Cluj (Astra Ardeleană S.A.) 1939. Oct.
Co-author: V. Borza.
Publ.: 1939, cover-t.p., p. [i, t.p.], [1]-34, *pl. 1-6* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Bul. Grăd. Bot. Univ. Cluj 19(1-2): 21-54, *pl. 1-6*. 1939.

22.293. O *excursiune* de studii *fitosociologice* prin *Corsica*. Une excursion d'études phytosociologiques en Corse ... Cluj (Astra Ardeleană S.A.) 1939. Oct.
Co-author: V. Borza.
Publ.: 1939, p. [1]-12, *pl. 7* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Bul. Grăd. Bot. Univ. Cluj 19(1-2): 66-77, *pl. 7*. 1939.

22.294. O *excursiune prin Corsica* ... Cluj (Tipografia naţională S.A., ...) 1939. Oct.
Publ.: 1939, [cover-t.p. = p. 1]-8. *Copy*: L. – Preprinted or reprinted from Revista "Carpaţi" 1939(2). (n.v.).

***Borzi, Antonino** (1852-1921), Italian botanist, extraordinary professor of botany at Messina 1879, regular professor and director of the Botanical Garden in Messina 1886-1893, appointed professor of botany and director of the botanical garden at Palermo 1893-1921. (*Borzi*).

HERBARIUM and TYPES: PAL (algae reported missing), further material at B, FI, GOET, K, LY, MOD (algae).

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22.295. *Studii sulla sessualità degli Ascomiceti* ... Estratto dal Nuovo Giornale botanico italiano ... 1878. Oct.
Publ.: Jan 1878 (in journal), p. [43]-78, *pl. 3-4* (uncol. liths. Cristofani). *Copy*: B. – Reprinted and to be cited from Nuovo Giorn. bot. ital. 10(1): 43-78, *pl. 3-4*. 1878.

22.296. *Nota alla morfologica e biologia delle Alghe ficocromacee* ... Estratto dal Nuovo Giornale botanico italiano ... 1878-1882, 3 parts. Oct.
Publ.: [*1*]: Jul 1878 (in journal), Nuovo Giorn. bot. ital. 10(4): 236-288, *pl. 7-10*. 1878. – No reprint seen.
[*2*]: Oct 1879, p. [347]-388, *pl. 9-12* (uncol.). *Copy*: L. – Reprinted and to be cited from Nuovo Giorn. bot. ital. 11(4): 347-388, *pl. 9-12*. 1879.
[*3*]: Oct 1882, p. [272]-315, *pl. 16-17* (uncol.). *Copy*: L. – Id. 14(4): 272-315, *pl. 16-17*. 1882.
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Publ.: Oct 1880 (in journal; Hedwigia Jan 1881), p. 290-295, *pl. 7. Copy*: FH. – Reprinted and to be cited from Nuovo Giorn. bot. ital. 12(4): 290-295, *pl. 7.* 1880.

22.299. L'*Ilixi-suergiu* (Quercus morisii, Borzi), nuova querce della Sardegna ... Estratto dal Nuovo Giornale Botanico Italiano ... 1881. Oct.

Publ.: Jan 1881 (in journal), p. [5]-11, *pl. 1. Copy*: G. – Reprinted and to be cited from Nuovo Giorn. bot. ital. 13(1): 5-11, *pl. 1.* 1881.

22.300. *Studi algologici* ... 1883-1885, see TL-2/672; also on microfiche: IDC 2317/2.

22.301. *Protochytrium Spirogyrae.* Ricerche ... Estratto dal Nuovo Giornale botanico italiano ... 1884. Oct.

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22.302. *Rhizomyxa* nuovo ficomycete ... Messina (Gaetano Capra ed c.o editori ...) 1884. Oct. (*Rhizomyxa*).

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22.303. *Compendio della flora forestale italiana.* Prontuario per la sollecita determinazione delle piante forestali indigene all'Italia ad uso degli agenti dell' amministrazione dei boschi ... Messina (Gaetano Capra & C.o – Editori) 1885. Oct. (half sheets). (*Comp. fl. forest. ital.*).

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22.307. *Studi sulle Mixoficee*. I. Cenni generali – Systema Myxophycearum ... Firenze (Stabilimento Pellas, Luigi Chiti Successore) 1914. Oct.
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Further parts: 1914-1917, (n.v.), see IDC Nuovo Giornale botanico italiano, ser. 2. 1914-1917, in vols. 21-24.

***Bosc, Louis-Auguste-Guillaume** [early: Bosc d'Antic] (1759-1828), French naturalist, consul and administrator, studied with Durande in Dijon and A.L. Jussieu in Paris; sécrétaire des postes 1784-1788, in hiding from the French revolution at Montmorency, French consul for the "Directoire" in New York 1794-1799, inspector of the gardens of Versailles 1803 and of the state gardens from 1806 residing under the Ministry of the Interior, ultimately "professeur" in the Jardin des Plantes. (*Bosc*).

HERBARIUM and TYPES: P, P-JU, P-LA, PC; further material in B, B-W, C, DBN, DS, FI, G, MPU, NEU, PAD, PH, TCD.

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Publ.: Jan 1808 (date on t.p. reprint), p. [i, t.p.], [1]-69. *Copy*: G. – Reprinted and to be cited from Mém. Cl. Sci. math. phys. Institut 8: 307-373. 1807 (i.e. 1808).

***Bosch, Roelof Benjamin van den** (1810-1862), Dutch physician and botanist, born at Rotterdam, educated at Neuwied with the Community of the Moravian brethern and at the "Gymnasium" at Middelburg, studied medicine and botany at the University of Leiden 1829, on active service in the Dutch-Belgian war 1831-1832, continued his studies at Leiden, Dr. med. ib. 1837, from 1837 stationed as medical doctor at Goes (Zeeland). (*Bosch*).

HERBARIUM and TYPES: L and NBV. – Further material at AWH, B, K (mosses), M (lich.).

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BIOFILE: Anon., Amer. J. Sci. Arts ser. 2. 33: 428. 1862 (obit. not.); Bot. Zeit. 20(6): 47-48, 200. 1862 (obit., library); Flora 45: 95-96. 1862; Goessche Courant 49(7). 23 Jan 1862 (obit.); Jaarb. Kon. Ned. Akad. Wetensch. 1862: 11; Ned. kruidk. Arch. 5(4): 353-358. 1870 (obit.).
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(2) Co-author with F.A.W. Miquel, *Plantae junghuhnianae* 1851-1857, see TL-2/6107.
(3) Co-author with J.P.F.C. Montagne, *Lichenes javanici* 1857, see TL-2/6259.

CORRECTIONS: (1) TL-2/679, *Prodromus florae batavae*, vol. 2, pars 3, has as pagination 303-405. 1858.
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Publ.: *1*: 1841, p. [1]-55. *Copies*: L, U. – Reprinted and to be cited from Tijdschr. nat. Gesch., Amsterdam 8: 1-55. 1841.
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3: 1845, p. [1]-22. *Copy*: G. – Reprinted and to be cited from Tijdschr. nat. Gesch., Amsterdam 12: 1-22. 1845.

22.310. *Bijdrage tot de algologische flora van Nederland*, ... [Nederlandsch kruidkundig Archief ... 1847]. Oct.

Publ.: 1847, p. [280]-291. *Copy*: L. – Reprinted and to be cited from Ned. kruidk. Arch. 1: 280-291. 1847.

Tweede Bijdrage: 1849, p. [1]-26. *Copy*: L. – Reprinted and to be cited from Ned. kruidk. Arch. 2: 202-227. 1849.

22.311. *Hymenophyllaceae* ... [in: Plantae junghuhnianae 1857]. Oct.

Publ.: 1857, p. [1]-28. *Copy*: L. – Reprinted and to be cited from F.A.W. Miquel, *Pl. jungh.* [TL-2/6107] 5: 545-572. 1857.

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Publ.: Dec 1858 (read 27 Nov 1858), cover-t.p., p. [1]-10. *Copy*: L. – Reprinted and to be cited from Versl. Meded. Kon. Akad. Wetensch., Afd. Natuurk. 8: 401-410. 1858.

22.313. *Hymenophyllaceas novas*, cum ab aliis, tum a semet ipso distinctas, ceu synopseos supplementum, ... [Nederlandsch Kruidkundig Archief ... 1861-1863]. Oct.

Publ.: 1861-1863, p. [1]-51. *Copies*: B, L. – Reprinted and to be cited from Ned. kruidk. Arch. 5(2): 135-185. 1861 and 5(3): 135 [sic!]-217 [sic: the reprint does not cover the texts in the journal]. 1863.

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Bose, G.C. (fl. 1920), principal and professor of botany, Bangabasi College, Calcutta. (*G.C. Bose*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 312.

22.315. *A manual of Indian botany* ... Bombay, London and Glasgow (Blackie and Son Limited ...) 1920. Oct.

Publ.: 1920 (ÖBZ Jan-Feb 1921), p. [i]-xv, [xvi], [1]-368. *Copies*: L; IDC 5305/2.

Ref.: Dunn, S.T., J. Bot. 59: 83-84. Mai 1921 (rev.).

Bose, Sahay Ram (1888-1970), Indian mycologist, M.A. degree in botany from the Presidency College, Calcutta 1908, B.L. id. 1910, associated with the Calcutta High Court, as well as professor of botany at Bangabasi College 1910-1916, professor of botany at R.G. Carmichael Medical College 1916-1963. (*Bose*).

HERBARIUM and TYPES: CAL, further material at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 225; IH 2: 88; Kew 1: 312-313; LS suppl. 3299-3318.

BIOFILE: Mukerji, B., Indian Phytopathol. 24(1): i-ii. 1971 (obit., portr.).
Samajpati, N., Bull. bot. Soc. Bengal 25(1-2): 3-4. 1971 (obit., portr., b. 15 Feb 1888, Hooghly Distr., d. 6 Sep 1970, Calcutta).

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Publ.: 31 Jul 1921 (in journal), p. [129]-131. *Copy*: L. – Reprinted and to be cited from Ann. mycol. 19(1-2): 129-131. 1921.

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Publ.: 15 Sep 1934 (date on p. 55), p. [i, cover-t.p.], p. [55]-56. *Copy*: L. – Reprinted and to be cited from Ceylon J. Sci., sect. A. Bot. 12(1): 55-56. 1934.

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Publ.: Apr 1935 (date on cover-t.p.), cover-t.p., p. [426]-429. *Copy*: L. – Reprinted and to be cited from Phytopathology 25(4): 426-429. 1935.

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Publ.: 1936, p. [i, identif.], [1]-29, [30]. *Copy*: L. – Reprinted and to be cited from Twenty-third Indian Science Congress, Indore, 1936 (n.v.).

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Publ.: 1937 (read as presidential address Jan 1937), cover-t.p., p. [119]-128, *pl. 3-8* (uncol. draw.). *Copy*: L. – Reprinted and to be cited from J. Indian Bot. Soc. 16(3): 119-128, *pl. 3-8*. 1937.

Bosse, Julius Friedrich Wilhelm (1788-1864), German (Oldenburg) gardener and botanist, "Hofgärtner" in Oldenburg 1814-1856, retired to Delmenhorst, died in Oldenburg. (*Bosse*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 226 (b. 12 Aug 1788, Rastede, Oldenburg, d. 25 Oct 1864, Oldenburg); BM 1: 206; Hortus 3: 1189; Kew 1: 313; PR 1046; Rehder 5(index): 106; Tucker 1: 100; Zander ed. 10, p. 638, ed. 11, p. 726.

BIOFILE: Anon., Gartenflora 6(7): 232. 1857 (retirement), 14(4): 123. 1865 (obit. not.).

22.323. *Vollständiges Handbuch der Blumengärtnerei*, oder genaue Beschreibung fast aller in Deutschland bekannt gewordenen Zierpflanzen, mit Einschluss derjenigen Sträucher und vorzüglichern Zierbäume, welche zu Luft-Anlagen dienen, nebst gründlicher Anleitung zu deren Cultur, und einer Einleitung über alle Zweige der Blumengärtnerei. Mit besonderer Rücksicht auf Zimmer-Blumenzucht, theils nach eigenen vieljährigen Erfahrungen, theils nach den Angaben der ausgezeichneteschen Pflanzencultivatoren bearbeitet ... Hannover (Im Verlage der Hahn'schen Hofbuchhandlung) 1840-1849. Oct. (*Vollst. Handb. Bl.-gärtn.*).

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2 (*Ecbalium-Oxyura*): 1841, p. [i-iii], [1]-705.
3 (*Pachypodium-Zygophyllum*): 1842, p. [i], [1]-678.
4 (*Neuere Zierpflanzen*): 1849 (Flora 28 Feb 1849), p. [ii]-viii, [1]-776.
5 (*Die neuesten Zierpflanzen*): Jul 1854, (n.v.).
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3 (*Pachyra-Zygophyllum*, nebst einem Anhang): 1861, p. [i], [1]-971.
Copy: NY.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 13: 262-263. 13 Apr 1855 (rev. ed. 2).

Bosshard, Walter (fl. 1927-1928), German explorer on the German Central Asian Expedition of 1927-1928. (*Bossh.*).

HERBARIUM and TYPES: W, Z.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 88; Kew 1: 314.

22.324. *Botanische Ergebnisse der Deutschen Zentralasien-Expedition* 1927-1928 ... Mitteilungen aus dem Botanischen Museum der Universität Zürich (cxliii) ... Repertorium specierum novarum ... [1933]. Oct.
Authors: Emil Schmid (Zürich), V. Czurda (Praha), H. Skuja (Riga), J. Thériot (Fontaine la Malles), A. Zahlbruckner (Wien).
Publ.: 30 Sep 1932 (in journal), p. [1]-76, *pl. 132-133*. *Copies*: G, L, U. – Reprinted and to be cited from Fedde Repert. spec. nov. 31: 1-76. 1932, also issued as Mitt. Bot. Mus. Zürich no. 143.

Bossin, Matthieu (1805-1876), French horticulturist, later seed merchant, ultimately in retirement at Hanneucourt, Seine-et-Oise, dedication at horticulture. (*Bossin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 226 (d. 2 Feb 1876); BM 1: 206; Kew 1: 314; Rehder 5(index): 106.

BIOFILE: Carrière, E.-A., Rev. Hortic. 48: 94-95. 1876 (obit.).

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Ref.: Anon., Bull. Soc. bot. France 19(Bibl.): 124. Jan 1873 (rev.).

Bossler, Ludwig (fl. 1877), German teacher and botanist, director of the "Realgymnasium" at Bischweiler. (*Bossler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 119; BM 1: 206; Jackson p. 303; Rehder 1: 387.

22.326. *Flora der Gefässpflanzen in Elsass-Lothringen*. Als Taschenbuch für botanische Excursionen ... Strassburg i. E. (Verlag von Julius Astmann) 1877. Oct. (*Fl. Elsass-Loth.*).

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Barbiche, Bull. Soc. Hist. nat. Metz ser. 2. 15: 234. 1880 (critical rev.).
Bary, A. de, Bot. Zeit. 36(13): 206-207. 28 Mar 1878 (rev.).

Bossu, Antonin François (1809-1897), French medical botanist. (*Bossu*).

HERBARIUM and TYPES: Unknown.

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Publ.: *Ed. 1*: 1854 (n.v.), p. xvi, 840 in one volume, atlas separate, *60 pl.* (steel-engraved, col. by hand). – See BM 1: 206, Plesch p. 152.
Ed. 2: 1862
1 (*Cours de botanique*), p. [i]-xiii, [1]-368.
2 (*Plantes médicinales*), p. [i]-xii, [1]-532.
Atlas (de 60 planches gravées sur acier. Représentant les organes des végétaux, les caractères des familles, des genres, et 270 plantes-types (en tout 100 figures)).
Copy: G.
Ed. 3: 1872
Text: p. [i]-xxiv, [1]-864.
Atlas: p. [i]-iv, *pl. 1-60* (col. engr.).
Copy: NY.
Ref.: Anon., Bull. Soc. bot. France 1: 153. 1854 (brief rev.).

Boswell, Henry (1837-1897), British portmanteau-maker and bryologist at Oxford, succeeded his father in the portmanteau business in the Corn Market, active botanical field-work mainly done ca. 1850-1860, rendered assistance to the curators of the Oxford Botanical Gardens, Master of Arts h.c. University of Oxford 1881. (*Bosw.*).

HERBARIUM and TYPES: OXF, further material at B, BM, DBN, F, H-Br, K, MANCH, MASS, NMW, WAR. – Letters at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 226 (b. 27 Jan 1837, Oxford, d. 4 Feb 1897, Oxford); BB p. 39-40; BM 1: 207, 2: 851; Clokie p. 136 (on herbarium); CSP 1: 50, 7: 222, 9: 301, 13: 708; Desmond p. 77; IH 2: 88; Kew 1: 314; SBC p. 116; Urban-Berl. p. 295.

BIOFILE: Druce, G.C., J. Bot. 35: 132-137. 1897 (main biogr., portr.); Fl. Berkshire clxxxi-clxxxiii. 1897; Fl. Oxfordshire cxvi-cxvii. 1927.
Kent, D.H., Brit. herbaria 44. 1957 (coll.).
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Lett, H.W., Proc. R. Irish Acad. 32: 75. 1914-1916 (on the *Lond. Cat. Brit. moss.*).
Shaw, G.A., Naturalist (Yorkshire) 1978: 31-33 (letter to John Barton).
Stieber, M.T. et al., Huntia 4(1): 59. 1981 (details on letter to W.M. Rogers).
Wolley-Dod., A.H., Fl. Sussex xli. 1970.

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Senior author: Charles [Codrington] Pressick Hobkirk (1837-1902), see TL-2/2: 218-219.
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Precursor: [H. Boswell], *Catalogue of British mosses*, [3] p., Qu. 1866, fide BM 1: 240.
Second edition: 1881, see F.A. Lees (1847-1921), see TL-2/2: 813 (CW 1).

Bottini, Antonio [Marchese] (1850-1931), Italian bryologist, born at Lucca, studied at the University of Pisa, Dr. phil. ib. 1886, habil. ib. 1894, adjunct at the Botanical Institute at Pisa. (*Bott.*).

HERBARIUM and TYPES: PI-BOTT (see IH 1, ed. 8, p. 194). – Further material at B, BP, DBN, H-Br, L, PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 227 (b. 4 Mar 1850, Lucca, d. 6 Sep 1931, Bagni di Lucca); BM 1: 210; DTS 1: 30; IH 1 (ed. 8): 194 (herb.), 2: 89; LS 3448-3450; Saccardo 1: 36; Urban-Berl. p. 295.

BIOFILE: Allorge, P. ed., Rev. bryol. ser. 2. 4(3): 149-152. 1932 (obit., bibl., d. 6 Sep 1931).
Anon., Bot. Centralbl. 59: 319. 21 Aug 1894 (habil. Pisa); Hedwigia 72(2) Beibl.: (230). 1932 (d. 6 Sep 1931).
Chiarugi, A., Antonio Bottini 4 Dicembre 1850-6 Settembre 1931. Cenno biografico, Pisa 1931, 8 p. (n.v., fide Nat. Nov. 54 (Jan) 1932).
Tassi, F., Bull. Lab. Orto bot. Siena 7: 42. 1905.

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(2) With G. Arcangeli and L. Macchiati, *Prima contribuzione alla flora briologica della Calabria*, Atti Soc. crittogamol. Ital. 3(Disp. 2): 105-119. 1883, also as reprint p. [1]-15. – See A. Geheeb, Bot. Centralbl. 12(51): 412. 11-15. 1882, 13(2): 47. 1-5 Jan 1883 [sic] (rev.).
(3) With Carlo Fitzgerald [unknown to us], *Prodromo della Briologia dei bacini del Serchio e della Magra*, Nuovo Giorn. bot. ital. 13(2): 23-122. Apr 1881. – See A. Geheeb, Bot. Centralbl. 7(28): 34-35. 1881, also footnote on p. 35. – Further reviews: Anon., Rev. bryol. 8(3): 50-51. 1881, 9(1): 4-5. 1882.

NOTES: (1) Thesis for Dr. phil. Pisa: *Richerche briologiche nell'Isola d'Elba*. Con una nota sul Fissidens serrulatus Brid., Pisa 1886, 46 p. (n.v.), see F. Gravet, Rev. bryol. 13(6): 109. 1886.
(2) A. Bottini, *Bibliografia briologica italiana*, Mem. Atti Soc. Tosc. Sci. nat., Pisa 12: 257-292. 1892. – Also issued separately Pisa 1892, 40 p. (see Rev. bryol. 20(3): 61. 1893).

22.329. *Noterelle briologiche* ... Malpighia ... [1889]. Oct.
Publ.: 1889, p. [1]-19, [20, imprint], *pl. 3-5* (uncol. liths. auct.). *Copies*: B, G, L. – Reprinted and to be cited from Malpighia 3(3-4): 101-119, *pl. 3-5*. 1889.

22.330. *Contributo alla briologia del cantone Ticino* ... Atti dell' Accademia pontificia de' nuovi Lincei ... 1891. Qu.
Publ.: Apr-Mai 1891 (read 17 Mar; Rev. bryol. Jun 1891), p. [147]-169. *Copy*: G. – Reprinted and to be cited from Atti Accad. pontif. Nuov. Linc. 44: 147-169. 1891. – Warnstorf, Bot. Centralbl. 52(42): 91-92. 1892 gives a detailed review and gives as reprint pagination p. [1]-25. – Enumeration of 303 species and varieties.

22.331. *Muscinee dell'Isola del Giglio* ... Estratto dalla Florula del Giglio di S. Sommier. *Muschi* (Determinati dal Marchese Bottini) ... [1900]. Qu.

Publ.: 1900 (Bot. Centralbl. 12 Sep 1900), p. [1]-22. *Copies*: B, HH. – Reprinted and to be cited from S. Sommier, *Isola Giglio* 103-124. Torino 1900. – See TL-2/12.430 sub S. Sommier.

Precursor (by Bottini): Muscinee dell'Isola del Giglio, Nuovo Giorn. bot. ital. 19(4): 265-275. 1887, reprint p. [1]-11. – See e.g. A. Geheeb, Bot. Centralbl. 34(20): 198. 14-18 Mai 1888 (rev.).

22.332. *Sulla flora briologica dell' Arcipelago Toscano* ... [Estratto dal Bullettino della Società botanica italiana ... 1902-1903]. Oct.

Publ.: Dec 1902 and Jan 1903 (in journal; reprint 1903), cover-t.p., p. [1]-18. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. ital. 1902(9): 175-186. Dec 1902, 1903(1): 6-10. Jan 1903.

22.333. *I primi muschi delle Isole Eolie* ... Estratto dal Bullettino della Società botanica italiana ... 1903. Oct.

Publ.: Nov-Dec 1903 (in journal), p. [1]-6. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. ital. 1903(9): 294-296, (10): 297-299. 1903.

22.334. Sulla *briologia delle Isole italiane* ... Firenze (Tipografia di M. Ricci ...) 1907. Oct.

Publ.: 1907, cover-t.p., p. [i, t.p.], [345]-402. *Copy*: B. – Reprinted and to be cited from Webbia 2: 345-402. 1907.

22.335. *Sull'importanza di nuove esplorazioni briologiche in Italia* ... Estratto dal Nuovo Giornale botanico italiano ... 1908. Oct.

Publ.: Apr 1908 (in journal), cover-t.p., p. [1]-10, *pl. 3-6* (uncol. liths.). *Copy*: B. – Reprinted and to be cited from Nuovo Giorn. bot. ital. ser. 2. 15(2): 179-188, *pl. 3-6*. 1908.

22.336. *Spigolature briologiche* ... Estratto dal Bullettino della Società botanica italiana ... 1909. Oct.

Publ.: [*1*]: Mai 1909 (mss. closed Dec 1908, read 17 Apr 1909), cover-t.p., p. [1]-16. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. ital. 1909(4): 103-118. 1909.

2: 1913 (mss. closed 3 Mai 1913), cover-t.p., p. [i-ii], [149]-195. *Copy*: B. – Id. from Atti Soc. Tosc. Sci. nat., Pisa, Memorie 29: 145 [sic]-195. 1913.

3: 1914 (read 10 Mai 1914), [no reprint seen]. – Id. from Atti Soc. Tosc. Sci. nat., Proc. verb. 23: 37-43. 1914.

22.337. *Sulla briologia di Corfù* ... Firenze (Tipografia di M. Ricci ...) 1913. Oct.

Publ.: Jun 1913 (date on t.p. reprint; Rev. bryol. 40(4): 64. Aug 1913), cover-t.p., p. [241]-248. *Copy*: B. – Reprinted and to be cited from Webbia 4(1): 241-248. Jun 1913.

22.338. *Muschi d'Italia*. I. Bibliografia ... Pisa (Stabilimento tipografico Toscano) ... 1914. Oct. (*Muschi Ital.*).

Publ.: Jul 1914 (date on t.p.), cover-t.p., p. [1]-80, photo of De Notaris between [4-5]. *Copy*: B.

Note: This is a second edition; the first, 1892, n.v.

22.339. *Sfagnologia italiana* ... Roma (Tipografia della R. Accademia dei Lincei) 1919. Qu.

Publ.: 1919 (read 2 Jun 1918), p. [i-iii], [1]-88. *Copies*: B, L. – Reprinted and to be cited from Mem. Accad. Lincei, Cl. Sci. fis. ser. 5. 13(1): 1-88. 1919.

Ref.: Anon., Rev. bryol. 4(6): 103. 1919 (rev.).

Boubier, Alphonse Maurice (1874-?), Swiss (Genève) botanist associated with Robert Chodat, Dr. phil. Univ. de Genève 1816. (*Boubier*).

HERBARIUM and TYPES: If any at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 227 (b. 12 Nov 1874, Genève); Moebius p. 247; Tucker 1: 101.

22.340. *Remarques sur* l'anatomie systématique des *Rapateacées* et des familles voisines ... Bulletin de l'Herbier Boissier ... 1895. Oct.
Publ.: Mar 1895 (in journal), p. [39]-44, published with double pagination in Bull. Herb. Boissier 3(3): 115-120. 1895. *Copies*: U, US (from journal).

22.341. Recherches anatomiques sur l'*Inflorescence des Cuphea alterniflores* (Lythrariées) ... Bulletin de l'Herbier Boissier ... 1896. Oct.
Publ.: Mai 1896 (in journal), p. [(92)]-(99), published with double pagination in Bull. Herb. Boissier 4(5): 328-335. 1896. *Copies*: U, US (from journal).

22.342. *Recherches sur l'anatomie* systématique des *Bétulacées-Corylacées*. Thèse présentée à la Faculté des sciences de l'Université de Genève pour obtenir le grade de docteur ... Gênes [Genoa] (Imprimerie A. Ciminago) 1896. Oct. (*Rech. anat. Bétul.-Coryl.*).
Publ.: Nov 1896 (in journal fasc. 8-10; Bot. Zeit. 16 Dec 1896), p. [1]-92. *Copy*: NSUB/GOET. – Preprinted from Malpighia 10(8-10): 349-436. 1896. Thesis issue in Univ. Genève, Laboratoire de Botanique ser. 3. fasc. 6. – Thesis with R.. Chodat.
Ref.: Roth, E., Bot. Centralbl. 69(4): 119-120. 20 Jan 1897 (rev.).

22.343. *Contributions à l'étude du pyrenoïde* ... Bulletin de l'Herbier Boissier ... 1899. Oct.
Publ.: Jun 1899 (in journal), p. [1]-8, published with double pagination in Bull. Herb. Boissier 7(6): 451-458. 1899 *Copy*: U.
II. (*Le pyrénodesme des Spirogyres*): Jul 1899, p. [9]-14, id. 7: 554-559. 1899.

Bouché, Carl David (1809-1881), German (Berlin born) gardener and botanist, educated at the "Gymnasium zum grauen Kloster" until 1823, worked with his father Peter Carl Bouché at the Schöneberg garden school 1823-1831, from 1831-1839 employed at the Berlin Botanical Garden, at the Pfaueninsel as gardener 1839-1843, "inspector" [director] of the Botanical Garden from 1843-1881. (*C.D. Bouché*).

HERBARIUM and TYPES: B (mainly garden plants).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 758; Barnhart 1: 228; BM 1: 211; CSP 1: 514-515; Hortus 3: 1189; IH 2: 89; LS 3463-3464; Morren ed. 2, p. [1]; PR ed. 1: 1182; Ratzeburg p. 70; Rehder 5(index): 108-109; TL-2/see indexes; Urban-Berl. p. 332; Zander ed. 11, p. 726.

BIOFILE: Anon., Flora 26(2): 719. 1843 (prov. inspector of Bot. Gard. Berlin); Bot. Zeit. 18(8): 76. 1860 ("rothe Adler-Orden 4. Kl.", 26 Jan 1860); Bull. Soc. bot. France 28(Bibl.): 191. 1881 (obit. not.).
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Zepernick, B. and F.K. Timler, Englera 1: 32. 1979.

COMPOSITE WORKS: (1) Co-author with C.S. Kunth and H.I. Link, *Plantae novae horti regii botanici berolinensis* [1844], see sub C.S. Kunth, TL-2/4010.
(2) Co-author with A.C.H. Braun and J.F. Klotzsch, *Species novae et minus cognitae* 1851/1852, see sub Klotsch, TL-2/3735.
(3) Co-author with A. Braun, J.F. Klotzsch, and K.H.E. Koch, *Appendix specierum novarum* 1853, see TL-2/3737.

(4) Co-author with K.H.E. Koch et al., *Appendix generum et specierum novarum* 1854, see TL-2/3738.
(5) Co-author with A.C.H. Braun, P.F.A. Ascherson and K.H.E. Koch, *Appendix plantarum novarum* 1872, see TL-2/3795.

EPONYMY: *Bouchea* Chamisso (1832) see ING 1: 226. 1979.

Bouché, Peter Carl [Karl] (1784-1856), German institutional gardener at Schöneberg (Berlin), belonging to a Franch refugee gardeners family, father of Carl Daniel Bouché. (*Bouché*).

HERBARIUM and TYPES: H (*Canna* herbarium rd. 1856).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 758 (used for our caption); Hegi 2: 254; Urban-Berl. p. 332.

BIOFILE: Anon., Bull. Soc. bot. France 3: 270. 1856; Bonplandia 4: 136. 1856 (mentions his Canna collection; d. 27 Feb 1856); Bot. Zeit. 14: 295-296. 1856 (d. 27 Feb 1856).
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Laux, W., Englera 7: 52. 1987.

22.344. *Ueber die wilde Kartoffel* (Papa cimarron) *von Mexico* ... Berlin 1833. Qu.
Senior author: Dietrich Franz Leonhard von Schlechtendal (1794-1866), see TL-2/5: 190-204.
Publ.: 1833, p. [1]-7, *pl. 2* (uncol. lith.). *Copy*: G. – Reprinted and to be cited from Verh. Ver. Beförd. Gartenb. Kön. Preuss. Staaten 9(19): 317-321, *pl. 2*. 1833.

***Boucher de Crèvecoeur, Jules Armand Guillaume** (1757-1844), French botanist at Abbeville, studied at the University of Reims, had a large herbarium. (*Boucher*).

HERBARIUM and TYPES: Unknown. – Some material possibly in P (herb. Desfontaines); further material in H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 228 (b. Paray-le-Monial, 26 Jul 1757, d. 24 Nov 1844, Abbeville); BL 2: 204; BM 1: 211; CSP 6: 600; LS 3465, 3465a, 3466; PR 1052-1053, ed. 1: 1186; Rehder 1: 416; TL-2/1: 290.

BIOFILE: Anon., Flora 28(7): 111. 21 Feb 1844; Bot. Zeit. 3(4): 71. 24 Jan 1845 (obit. not., herb. of 25.000 nos.).
Davy de Virville, A., Hist. bot. France 262. 1954.
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Stieber, M.T. et al., Huntia 4(1): 59-60. 1981 (contents of a letter by B. to L'Héritier).

NOTES: (1) Addition to entry TL-2/681, *Extr. fl. Abbeville*. – Fournier as well as Blake mention a second (1833) and a third edition (1834), n.v. – PR 1053 on ed. 3: *Flore d'Abbeville* ed. 3. Abbeville 1834, Oct., 116 p. (n.v.).
(2) Not to be confused with Jacques Boucher de Crèvecoeur de Perthes 1788-1868, customs director at Abbeville, student of prehistory and the history of primitive man. – See Quenstedt p. 49-50.

***Boudier, [Jean-Louis] Emile** (1828-1920), French pharmacist and botanist, followed his father who was pharmacist at Montmorency, studied at the École supérieure de pharmacie de Paris, intern pharmacist in the Paris hospitals 1849, Pharmacien 1-re classe 1852, had a dispensary at Enghien 1853, shortly later in charge of his father's pharmacy until 1878, from then on dedicating himself to his scientific work. (*Boud.*).

HERBARIUM and TYPES: PC.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 768; Ainsworth p. 56, 102, 226, 266, 284, 319, 320, 323; Barnhart 1: 228; BM 1: 211, 6: 113; Bossert p. 47; CSP 7: 226, 12: 107, 637, 13: 715; GR p. 268 (b. 6 Jan 1828, d. 4 Feb 1920); IH 2: 89; Kew 1: 318; LS 3470-3552, 6408, 31.399b-31.406; LS suppl. 3349-3357; Morren ed. 10, p. 66; NI 217; PR 1054; Rehder 1: 417; Stevenson p. 1237; TL-2/1: 290-293 and see indexes.

BIOFILE: Anon., Bot. Centralbl. 104(6): 160. 1907 (Prix Montagne for *Icones mycologicae*); Bull. Soc. bot. Deux-Sèvres 18: *pl. 5*. 1907 (portr.); Bull. Soc. mycol. France 100(1): lii. 1984 (mss. letter to G. Bouvet), 100(2): lxviii. 1984 (portr. in groupe 1895).

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22.345. Des *champignons* au point de vue de leur caractères usuels, chimiques et toxicologiques ... Mémoire couronné par l'Académie impériale de médecine de Paris (Prix Orfila) ... Paris (J.B. Baillière et fils ...) 1866. Oct. (*Champignons*).

Publ.: Jan 1866 (rd. by Bull. Soc. bot. France 9 Feb 1866), p. [i-iii], [1]-136, *pl. 1-2* (uncol. liths. Faguet). *Copies*: NY; IDC 6248. – "Mémoire couronné par l'Académie impériale de médecine de Paris".

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22.346. *Considérations* générales et pratiques *sur l'étude microscopique des champignons* ... Bulletin de la Société mycologique de France ... 1886. Oct.

Publ.: 1886, p. 134-192. *Copy*: L. – Reprinted and to be cited from Bull. Soc. mycol. France 2(3): 134-192. 1886.

22.347. *Description de deux nouvelles espèces de Ptychogaster* et nouvelle preuve de l'identité de ce genre avec les Polyporus ... [Extrait du Journal de Botanique ... 1887]. Oct.

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22.351. *Champignons nouveaux rares* ou peu connus de *France* ... [Bulletin de la Société mycologique de France ... 1887]. Oct.
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22.353. *Note sur le vrai genre Pilacre* et la place qu'il doit occuper dans les classifications ... [Extrait du Journal de Botanique ... 1888]. Oct.
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22.354. *Note sur deux espèces nouvelles de Clavaires* ... [Extrait du Journal de Botanique ... 1888]. Oct.
Co-author: N.T. Patouillard (1854-1926), see TL-2/4: 94-102.
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22.356. *Note sur les Morchella bohemica* Kromb. et voisins ... Lons-le-Saunier (Imprimerie et lithographie Lucien Declume) 1892. Oct.
Publ.: 1892 (p. 6 signed 9 Jun 1892), p. [1], [3]-6. *Copy*: G. – Reprinted and to be cited from Bull. Soc. mycol. France 8(3): 141-144. 1892.

22.357. Description de quelques nouvelles espèces de *Champignons*, récoltées dans les régions élevées *des Alpes du Valais* en Août 1894 ... Lons-le-Saunier (Imprimerie & Lithographie Lucien Declume) 1895. Oct.
Publ.: 1895, p. [1]-6, *pl. 2* (p.p. col. lith. auct.). *Copy*: G. – Reprinted and to be cited from Bull. Soc. mycol. France 11(1): 27-30. 1895.

22.358. *Révision* analytique des *Morilles de France* ... Lons-le-Saunier (Imprimerie et lithographie Lucien Declume) 1897. Oct.
Publ.: 1897, p. [1, cover-t.p.], [3]-27. *Copy*: L. – Reprinted and to be cited from Bull. Soc. mycol. France 13(3): 129-153. 1897.

22.359. *Description de deux nouvelles espèces* de Discomycètes *du genre Lachnea* ... Nantes (Secrétariat au Muséum d'Histoire naturelle) [1897]. Oct.
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Publ.: Jan-Jul 1898 (Bull. Soc. bot. France 8 Jul 1898), cover-t.p., p. [1]-10, *pl. 3-5* (col.). *Copy*: L. – Reprinted and to be cited from Bull. Soc. mycol. France 14(1): 16-23, *pl. 3-5*. 1898.

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22.362. *Note sur quelques champignons nouveaux* des environs de Paris ... Lons-le-Saunier (Imprimerie et lithographie Lucien Declume 1899). Oct.
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Boué, Ami (1794-1881), German (Hamburg born) physician, botanist and geologist, educated at Genève, studied medicine at the University of Edinburgh 1813-1817, Dr. phil. ib. 1817, continued his studies in France, travelling widely mainly for geological purposes, based in Paris 1818-1844, settled in Austria (Vienna) 1844. (*Boué*).

HERBARIUM and TYPES: G and P, further material in W.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 77; Barnhart 1: 229 (b. 16 Mar 1794, Hamburg, d. 22 Nov 1881, Vienna); BM 1: 211; IH 2: 89, 209; Kew 1: 318; Lasègue p. 405, 503; PR 1055-1056, ed. 1: 1190-1192.

BIOFILE: Allen, D.E., Naturalist in Britain 61. 1976.
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EPONYMY: *Bouea* Meisner 1837, see ING 1: 226. 1979.

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(2) In S.B. Akad. Wiss. Wien, Math.-nat. Kl., Bot. 7: 256-270. 1851 (*Ueber die baumlosen Gegenden der Continente*).
(3) *Mémoires géologiques et paléontologiques*, Tome 1, xvi, 362 p., *4 pl.* 1832. Oct., published by Boué.

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Publ.: Aug 1817, p. [i, iii], [1]-63. *Copy*: G.

Bouillat, Maurice E. (fl. 1928), French military pharmacist active in the Paris hospitals and lieutenant of the French Colonial forces. (*Bouillat*).

HERBARIUM and TYPES: Unknown.

22.366. Université de Paris Faculté de Pharmacie Année 1927-1928. No. 24. Étude botanique et pharmacologique d'une Saxifragacée indochinoise le *Dichroa febrifuga* Lour. ou "Thuong-Son". Thèse pour l'obtention du diplôme de docteur de l'Université de Paris (Pharmacie) présentée et soutenue le 26 Octobre 1928 ... Paris (Imprimerie Vouzellaud, Daire, & Cie. ...) 1928. Oct. (*Dichroa febrifuga*).
Publ.: 26 Oct 1928 (date of defense thesis), cover-t.p., p. [i-viii], [1]-72, [73]. *Copy*: B.

Bouillenne, Raymond (1897-1972), Belgian botanist, from 1927 director of the Institute and the Botanical Garden of Liège, travelled in the Lower Amazone region 1922-1923, stayed at the Foreigner's Laboratory at Buitenzorg [Bogor] on Java, 1931. (*Bouillenne*).

HERBARIUM and TYPES: LG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 229; BJI 2: 17; BL 2: 40; IH 2: 89; Kew 1: 319-320; SK 5: cclxii.

BIOFILE: Anon., Nat. Mosana 25(3): 104. 1972 (obit., d. 19 Mar 1972).
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Publ.: 1926, cover-t.p., p. [1]-7. *Copy*: B. – Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 58(2): 217-223. 1926.

22.372. Faculté des Sciences de l'Université de Liège. *Leçon inaugurale* ... le 14 janvier 1928 ... Liège (Imprimerie Georges Thone) 1928. Oct. (*Leçon inaugurale*).
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Bouisson, A. Gustave (fl. 1878), French professor of botany and zoology at the Medical-pharmaceutical school at Marseille, chief physician of the Marseille hospitals. (*Bouisson*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 131; Jackson p. 281; Rehder 1: 415; Tucker 1: 101.

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Ref.: Anon., Bull. Soc. bot. France 26(C.R.): 196. 1879 (rd. by 23 Mai 1879), 26(Bibl.): 124-125. 1879 (rev.).

Boulanger, Émile (fl. 1890-1905), French pharmacist and mycologist, especially interested in truffles. (*Boulanger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 17; BM 6: 113; Kew 1: 320; LS 3561-3574, 31.410.

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Publ.: 1 Aug 1903 (Bot. Zeit. 1 Nov 1903; ÖBZ 1 Sep 1903), cover-t.p., p. [1]-23, *pl. 1-3* (uncol. liths. auct.). *Copies*: B, L(2).
Ref.: Smith, A.L., J. Bot. 41: 384. Nov 1903 (rev., critical).

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Publ.: 1906 (ÖBZ Mai-Jun 1906), p. [i], [1]-16, *pl. 1-4*. *Copies*: L, U. – Contains: *La culture artificielle de la Truffe*, Bull. Soc. mycol. France 20: 75-80. 1904, *Note sur la Truffe*, id. 22: 42-44. 1906, *Germination de la spore echinulée de la truffe*, id. 22: 138-144. 1906.
Ref.: Anon., J. Bot. 44: 287. Aug 1906 (rev.).

***Boulay, Nicolas-Jean** (1837-1905), French clergyman and botanist (ecologist, systematist, specialized in bryophytes), ordained priest 1861, vicar at Rambervillers, later professor at the Petit Séminaire de Saint-Dié, professor of natural philosophy at the Collège ecclésiastique de l'Assomption à Nîmes 1872, at the École Belzunce at Marseille 1874, Lic. Sci. 1874, Dr. phil. Caen 1876, professor of botany at the Catholic Science faculty at the University of Lille 1876-1905. (*Boulay*).

HERBARIUM and TYPES: LILLE, further material at AUT, C, CGE, CLF, H (musci), MANCH, MPU (musci), P, PC. – *Exsiccatae*: *Rubi praesertim Galliae exsicc.* 1893-1898. – Friedrich Wilhelm Sauerbeck's bryoph. herb. was acquired by Boulay and is now also at LILLE (see E. Malinvaud, Bull. Soc. bot. France 41: 239-240. 1894).

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Publ.: 1869, p. [1]-119, [120]. *Copy*: MO.

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Publ.: Nov 1876 (date of defense thesis given as "Novembre"), cover-t.p., p. [i*, thesis text], [iii*, title of thesis], [i]-ii, [1]-54. *Copies*: B, MO.
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Publ.: 1877 (Bull. Soc. bot. France rd. by 11 Jan 1878, but also 23 Mar 1877, Rev. bryol. Jan-Feb 1878), cover-t.p., p. [i]-x, [1]-259. *Copies*: B, G, L, MO, NY.
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Publ.: *Fasc. 1* (Bibliographie & Explorations(1877)): 1878 (Bull. Soc. bot. France rd. by 8 Nov 1878, Rev. bryol. Jan-Feb 1879), p. [1]-63, [65, contents].
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Appendice au 3e fascicule: after 10 Mar 1880 (see p. 8; Nat. Nov. Dec (2) 1880), p. [1]-8.
Copies: G (fasc. 1-3 and app.), HH, L (fasc. 1-2), NY (fasc. 1-3).
Ref.: Anon., Bull. Soc. bot. France 27(Bibl.): 18-19. 1880 (rev.).
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Publ.: [*1*]: 1 Mar 1892 (fide Leussink, Taxon 35(2): 259. 1986; read 13 Nov 1891), p. [336]-344. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 38(6): 336-344. 1892.
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Publ.: Feb-Apr 1892 (p. 2 signed 20 Jan 1892; Zeiller rev. 1 Jul 1892, Bull. Soc. bot. France 27 Mai 1892), p. [i, iii], [1]-115, *pl. A-B* (uncol. phot.), *pl. 1-10* (uncol. liths. auct.). *Copies*: B, G.
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Publ.: Oct (sero) 1895 (fide Leussink, Taxon 37(1): 43. 1988), p. [391]-417. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 42(6-7): 391-417. 1895.

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Publ.: 1897, cover-t.p., p. [1]-30. *Copies*: B, G. – Reprinted and to be cited from Ann. Soc. sci. Bruxelles 21(2): 103-130. 1897.

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Publ.: Aug 1899 (fide Leussink, Taxon 37(1): 45. 1988), p. [497]-583. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 45(9a): 497-583. 1898 [1899].

Boulenger, Georges Albert (1858-1937), Belgian botanist and zoologist, Brussels born, studied at the Université Libre de Bruxelles, Aide-naturaliste at the Musée Royal d'Histoire naturelle de Belgique 1880, assistant first class at the British Museum as herpetologist and ichthyologist 1877-1920, also active as botanist (esp. rhodology) from 1907. (*Boulenger*).

HERBARIUM and TYPES: BR. – Further material in BM. – Mss. in BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 229 (b. 19 Oct 1858, Bruxelles, d. 23 Nov 1937, St. Malo); BM 1: 212-213; Futak-Domin p. 120; Hortus 3: 1189; IH 2: 89; Kew 1: 321; Plesch p. 154; Quenstedt p. 479; Zander ed. 10, p. 639, ed. 11, p. 726.

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Note: The first three sets (p. 1-48) were printed Mai 1924, but apparently not distributed at that date.
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Publ.: Dec 1933 (date on cover reprint), cover, p. [203]-279. *Copies*: U; IDC 8126. – Reprinted and to be cited from Bull. Jard. bot. État, Bruxelles 9(4): 203-279. 1933.

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Publ.: Jun 1935 (date on cover-t.p.), cover-t.p., p. [165]-266. *Copy*: U. – Reprinted and to be cited from Bull. Jard. bot. État, Bruxelles 13(3): 165-266. 1935.

***Boulger, George [Edward] Simmonds** (1853-1922), British botanist, born at Bletchingley, Surrey, educated at Wellington and Epsom Colleges as well as at the "Middle Temple", professor of natural history at the Royal Agricultural College, Cirencester 1876, from 1884 lecturer on botany and geology at the City of London College, id. also at the Imperial Institute from 1917, active in the Essex Field Club and the Selborne Society, historian of British botany. (*Boulger*).

HERBARIUM and TYPES: Unknown. – Manuscripts at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 229; BB p. 40, 339; BJI 2: 6; BL 2: 633 (index); BM 1: 213, 6: 115; CSP 9: 312, 12: 103, 13: 726; Desmond p. 78 (b. 5 Mar 1853, d. 4 Mai 1922); GR p. 390; Jackson p. 252; Kew 1: 321-322; Morren ed. 10, p. 72; NI 218; Plesch 154; Rehder 5(index) 110; TL-2/1: 294 and see indexes; Tucker 1: 102, 767.

BIOFILE: Anon., Times 5 Mai 1922 (obit.).
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Stearn, W.T., Nat. Hist. Mus. S. Kensington 296. 1981.

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(2) *History of Ceylon Botany*, *in* H. Trimen, *A hand-book to the flora of Ceylon*, see TL-2/15.157, in vol. 5: 369-381. 1900.
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with John Ray).
(2) *Botanical bibliography of the south-eastern counties*, Proc. S.E. Union Soc. 4: 43-52. 1899 (annotations, lists herbaria).

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Publ.: *1* ("First series"): 1887 (BM 1: 213, Nat. Nov. Mar (2) 1887), p. [i]-xvi, [1]-160, [1-12], *40 col. pl.* (incl. frontisp.; artist W.H.J. Boot).
2 ("Second series"): 1888 (fide BM 1: 213), p. [i]-xvi, [1]-168, [1-16], *40 col. pl.* (incl. frontisp.).
Copies: NY.
New edition: 1906 (Nat. Nov. Jan (1) 1907, Apr (1) 1907), viii, 160 p., n.v., see J. Bot. 434-435. Dec 1906.

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Publ.: Mai-Jun 1889 (Bot. Zeit. 28 Jun 1889, J. Bot. Jun 1889, ÖBZ 1 Aug 1889), p. [i]-viii, [9]-224. *Copy*: MO.
Ref.: Warlich, H., Bot. Centralbl. 44(41): 51-52. 8 Oct 1890 (rev., "lesenswerth und inhaltreich"). J.R.J. [John Reader Jackson], J. Bot. 27: 377-379. Dec 1889 (detailed rev.).

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Publ.: *Ed. 1*: 1902 (Nat. Nov. Feb (1) 1903), p. [i]-viii, [1]-369. n.v.
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Ref.: J.R.J. [John Reader Jackson], J. Bot. 41: 26-28. Jan 1903 (rev. of ed. 1).

22.401. *Plant geography* ... London (Aldine House ... J.M. Dent & Sons Ltd.) 1912. Oct. (*Pl. geogr.*).
Publ.: Oct-Dec 1912 (preface dated Oct 1912), p. [i]-viii, [1]-136. *Copy*: U.

22.402. *Pioneers of plant study* ... London (The Sheldon Press ...), New York and Toronto (The Macmillan Co.) [1928]. Oct. (*Pioneers pl. study*).
Authorship: "This book was originally planned, and some parts of it written, in collaboration with the late G.S. Boulger" (on t.p.), senior author Ellison Hawks.
Publ.: 1928, p. [i], frontisp., portr. Linnaeus, [iii]-x, 1-288, *pl. 1-15* (photos of scientists in text). *Copies*: MO, U.

Boullu, Antoine Étienne (1813-1904), French abbé and botanist, born at Côte-Saint-André, Isère, educated at the seminar of his birthplace, further studies at the Petit-Séminaire du Rondeau (ca. 1831-1836), teacher at the Petit-Séminaire d'Ajaccio, Corsica, 1836-1842, ordained priest 1840, professor of rhetoric at the free college of Pont-de-Beauvoisin (Isère) 1842, later teacher with the Rostaing family at Lyon, in retirement in Lyon from 1869. (*Boullu*).

HERBARIUM and TYPES: AUT, further material at DBN, FI, HH(A), M (Alg., Lich.), MPU, P. – The musci, lichens and fungi were sold by Th.O. Weigel, Leipzig in 1917. – The 7830 phanerogams and the ca. 1500 roses were offered by Weigel in 1910.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 95; Barnhart 1: 229 (b. 3 Dec 1813, d. 30 Mar 1904); BL 2: 140; CSP 12: 108-109, 13: 727; Hortus 3: 1189; IH 2: 89; LS 3578-3585; Morren ed. 10, p. 64; PFC 1: xxxvi-xxxvii, 3(1): vii-viii; Rehder 5(index): 110; Saccardo 1: 36, 2: 23; Tucker 1: 102.

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Magnin, A., Bull. Soc. bot. France 23 (sess. extraord.): clxxxix. 1876 (description of contents

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Meyran, O., Ann.. Soc. bot. Lyon 28: 135-205. 1904 (obit., portr., bibl., main source).
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22.403. *Énumeration des rosiers de la flore Lyonnaise* ... Extrait du Bulletin de la Société botanique de France ... 1877. Oct.
Publ.: Nov 1877 (fide Leussink, Taxon 34(4): 603. 1985), p. [xlvi]-lxviii. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 23(sess. extraord.): xlvi-lxviii. 1877.

Bouloumoy, Louis (x-1926), French jesuit priest and during 35 years professor at the French Faculty of Médecine of Beyrouth. (*Boul.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 230; Kew 1: 323; NI 219.

BIOFILE: Anon., Hedwigia 67 (Beibl.) (2): (163). 1927 (d.).
Fournier, L., Voy. déc. mission. natural. franç. 2: 145-146, 148-149, 152. 1932.

22.404. *Flore du Liban et* de la *Syrie* ... Paris (Vigot frères ...) 1930. Oct. (*Fl. Liban*).
Publ.: *Texte*: Jul 1930 (printing finished 15 Jun 1930 (p. [432]; Nat. Nov. Aug 1930), p. [i]-vii, [viii], [1]-431, [432].
Plates: Jul 1930 (id.), p. [i-iv], *pl. 1-508, 420 a, b, c, d* (uncol. phot.).
Copies: MO, U.
Note: The manuscript for his book was completely ready as B. died 10 Oct 1926 and was posthumously published.

***Bouly de Lesdain, Maurice** (1869-1965), French physician and lichenologist, born at Dunkerque, educated at the Jesuit college at Boulogne-sur-Mer, studied medicine in Paris, Dr. med. 1894, studied also natural history at the Sorbonne until 1896, Dr. sci. nat. 1910, from 1896 at Dunkerque as physician-ophtalmologist; herbarium and library destroyed at Dunkerque in 1940, retired first to Paris, from ca. 1945 at Lille, published again on lichenology 1947-1960. (*de Lesd.*).

HERBARIUM and TYPES: Pre-1940 material mainly lost; further material in : BPI, DBN, DUKE, F, GL, H (musci), LD, LS, M, MPU, NSW, O, P, PC, UPS, US, W. – *Exsiccatae*: Bouly de Lesdain was also involved in the publication of *Rubi praesertim Galliae exsicc.*, see N.-J. Boulay, treated above.

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Laundon, J.R., Lichenologist 11(1): 7. 1979 (coll.).

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22.406. *Lichens des environs de Versailles* ... Paris (au Siège de la Société [Botanique de France]) ... 1906. Oct.
Publ.: Jan 1906 (fide Leussink, Taxon 37(1): 51. 1988), cover-t.p., p. [662]-628. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. bot. France 52(8): 602-628. 1905.
Suppl. 1: Feb (sero) 1908 (id. p. 53), cover-t.p., p. 680-698. *Copy*: B. – Id. 54(9): 680-698. 1907.
Suppl. 2: Feb (sero) 1909 (id. p. 55), cover-t.p., p. [687]-694. *Copies*: B, G. – Id. 55(9): 687-694. 1909.
Suppl. 2 (suite): Mar (sero) 1910 (id. p. 57), cover-t.p., p. [3]-7. *Copies*: B, G. – Id. 57(1): 3-7. 1910.
Suppl. 3: Mai (med.) 1912 (id. p. 59), cover-t.p., p. 11-18. 1912. – Id. 59(1): 11-118. 1912
Suppl. 4: Apr (sero) 1921 (fide Leussink in mss. in library FAS), cover, p. [16]-24. *Copy*: B. – Id. 68(1-2): 16-24. 1921. – "Quatrième et dernier Supplément".

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6: Dec 1906 (id.), cover-t.p., p. [582]-586. *Copies*: B, G. – Id. 53(8): 582-586. 1906.
7: Aug (sero) 1907 (id. p. 53), cover-t.p., p. [442]-446. *Copy*: B. – Id. 54(6): 442-446. 1907.
8: Aug (sero) 1908 (id. p. 55), cover-t.p., p. [420]-424. *Copies*: B, G. – Id. 55(6): 420-424. 1908.
9: Aug (sero) 1909 (id.), cover-t.p., p. [170]-175. *Copies*: B, G. – Id. 56(2): 170-175. 1909.
10: Dec (med.) 1909 (id. p. 56), cover-t.p., p. [473]-477. *Copies*: B, G. – Id. 56(7): 473-477. 1909.
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12: Jul (sero) 1910 (id.), cover-t.p., p. [236]-240. *Copy*: B. – Id. 57(4): 236-240. 1910.
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14: Feb (sero) 1912 (id. p. 58), cover-t.p., p. [660]-662. *Copy*: B. – Id. 58(8): 660-662. 1912.
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16: Mai (sero) 1914 (id. p. 60), cover-t.p., p. [82]-85. *Copy*: B. – Id. 61(1-3): 82-85. 1914.
17: not published as such, but as 18bis below.
18: Jun (med.) 1921 (fide Leussink in mss. in library FAS), cover (identif.), p. [203]-207. *Copy*: B. – Id. 68(3-4): 203-207. 1921.
18bis: Feb (med.) 1922 (id.), (no reprint seen). – Id. 68)7-9): 490-495. 1922.
19: Mar (med.) 1923 (id.), (no reprint seen). – Id. 69(9-10): 766-770. 1923.
20: Jun (med.) 1923 (id.), cover-t.p., p. [277]-283. *Copy*: B. – Id. 70(3-4): 277-283. 1923.
21: Mar (med.) 1924 (id.), cover-t.p., p. [842]-849. *Copy*: B. – Id. 70(9-10): 842-849. 1924.
22: Jan (sero) 1926 (id.), cover (identif.), p. [787]-791. *Copy*: B. – Id. 72(7-8): 787-791. 1926.
23: Aug (sero) 1927 (id.), cover (identif.), p. [436]-439. *Copy*: B. – Id. 74(5-6): 436-439. 1927.
24: Mar (prim.) 1931 (id.), p. cover (identif.) [1]-3. *Copy*: B. – Id. 77(9-10): 612-615. 1931.
25: Mar (sero) 1932 (id.), cover (identif.), p. [726]-731. *Copy*: B. – Id. 78(9-10): 726-731. 1932.
26: Jan (prim.) 1933 (id.), cover (identif.), p. [686]-688. *Copy*: B. – Id. 79(7-8): 686-688. 1933.
27: Apr (prim.) 1934 (id.), cover (identif.), p. [765]-768. *Copy*: B. – Id. 81(9-10): 765-768. 1934.
28: Oct (prim.) 1935 (id.), cover (identif.), p. [314]-317. *Copy*: B. – Id. 82(5-6): 314-317. 1935.
29: Jun (prim.) 1936 (id.), (no reprint seen). – Id. 83(1-2): 5-9. 1936.

30: Oct (prim.) 1937 (id.), cover (identif.), p. [282]-284. *Copy*: B. – Id. 84(5-6): 282-284. 1937.
31: Jun (med.) 1939 (id.), (no reprints seen from 31 onward). – Id. 86(1-2): 81-84. 1939.
32: post Mai 1940. – Id. 87(1-3): 136-141. 1940.
33: 1948 (from here on no precise dates available to us). – Id. 95: 196-200. 1948.
34: 1949. – Id. 96: 173-175. 1949.
35: 1950. – Id. 97: 169-171. 1950.
36: 1951. – Id. 98: 136-138. 1951.
37: 1952. – Id. 99: 145-147. 1952.
38: 1953. – Id. 100: 177-178. 1953.
39: 1954. – Id. 101: 222-226. 1954.
40: 1955. – Id. 102: 229-231. 1955.
41: 1956. – Id. 103: 270-272. 1956.
42: 1957. – Id. 104: 319-320. 1957.
43: 1958. – Id. 105: 236-237. 1958.

22.408. *Lichens des environs de Luxeuil* (Haute-Saône) ... [Bulletin de la Société botanique de France ... 1907]. Oct.
Publ.: Feb 1907 (fide Leussink, Taxon 37(1): 52. 1988), cover-t.p., p. [668]-689. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. bot. France 53(9): 668-689. 1906.

22.409. *Lichens des environs d'Hyères* (Var) recueillis par M.C. Michaud ... [La Feuille des Jeunes naturalistes ... 1907]. Qu.
Collector: C. Michaud (no dates in our files).
Publ.: 1 Feb 1907 (in journal), cover (identif.), p. [1]-7. *Copy*: B. – Reprinted and to be cited from Feuilles jeunes Natural. ser. 4. 37(436): 66-71. 1907.

22.410. *Lichens rares ou nouveaux pour la Belgique*, recueillis pendant l'herborisation de la Société Royale de Botanique en septembre 1906 ... Bruxelles (Au Siège de la Société [Royale de Botanique de Belgique]). 1907. Oct.
Publ.: 1907 (rd. at G 7 Mai 1907), cover-t.p., p. [1]-6. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 43: 249-254. 1907.

22.411. Série A: 625. Numéro d'ordre: 1361. Thèses présentées à la Faculté des Sciences de l'Université de Paris pour obtenir le grade de docteur ès-sciences naturelles ... 1re Thèse. – *Recherches sur les lichens des environs de Dunkerque*. 2e. Thèse. – Propositions données par la Faculté. Soutenues le [ ] 1910 devant la Commission d'Examen ... Dunkerque (Imprimerie Paul Michel, ...) 1910. Oct. (*Rech. lich. Dunkerque*).
Publ.: 1910 (as thesis; commercial issue (n.v.) 1912), p. [1]-301, [303], *4 pl.* (phot.). *Copy*: L.
Supplement: 1914, 189 p., Public. Soc. Dunkerq. Encourag. Sc. Lettr. Arts 1914, n.v.

22.412. *Lichens belges rares ou nouvelles* ... Bruxelles (au Siège de la Société [Royale de Botanique de Belgique] Jardin Botanique de l'Etat) 1910. Oct.
Publ.: 1910, p. [1]-7. *Copy*: B. – Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 47(1): 39-45. 1910.

22.413. *Lichens du Sud Algérien* recueillis par M. Seurat, ... Extrait du Bulletin de la Société d'Histoire naturelle de l'Afrique du Nord ... 1911. Oct.
Collector: Leon Gaston Seurat (b. 1872).
Publ.: 15 Jun 1911 (date on reprint), p. [1]-4. *Copy*: B. – Reprinted and to be cited from Bull. Soc. Hist. nat. Afr. Nord. 2(6): 95-98. 1911.

22.414. *Lichens de la Forêt de Fontainebleau* ... Paris (au Siège de la Société [Botanique de France] 1911. Oct.

Publ.: Dec (sero) 1911-Jan (prim.) 1912 (fide Leussink , Taxon 37(1): 58. 1988), cover-t.p., p. [549]-555. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 58(7): 549-555. 1911.

22.415. *Lichens du Mexique*, états de Puebla et du Michoacan recueillis par le frère Arsène Brouard ... Mexico (Imprenta I. Escalante) 1914.
Collector: Arsène Gustave Joseph Brouard (1867-1938).
Publ.: 1914, 31 p., typewritten preface 1 p., mimeographed errata at end (n.v., fide Bryologist 34(1): 8-9. 15 Jan 1931).
1er Supplément: Sep 1922, cover-t.p., p. [i-iv], [1]-23, mimeographed. *Copies*: B, L.
2me Supplément (Lichens recueillis par le frère Amable St. Pierre): 1929, *in* Ann. Crypt. Exot. 2: 217-254. 1929 (no reprint seen).
3me Supplément: Sep 1933, cover-t.p., p. [99]-130. *Copy*: B. – Reprinted and to be cited from id. 6(2): 99-130. 1933.
Ref.: Riddle, L.W., Bryologist 23(4): 60. 17 Sep 1920 (rev. of 1914 original).
E.B.C., Bryologist 26(3): 32. 16 Jun 1923 (rev. of first suppl.).

22.416. *Lichens* recueillis *sur les silex* le long d'une route dans les dunes des environs de Dunkerque ... Extrait de la Revue générale de Botanique ... 1914. Oct.
Publ.: 1914, cover-t.p. (of Travaux de Biologie végétale. Livre dédié à Gaston Bonnier ...), p. [3]-7. *Copies*: B, L. – Reprinted and to be cited from Rev. gén. Bot. 25bis: 55-59. 1914, also issued as Travaux de Biologie végétale, Livre dédié à Gaston Bonnier par ses élèves et ses Amis ... Nemours (Imprimerie Nemourienne). 1914.

22.417. *Quelques lichens du Pas-de-Calais* ... [Bulletin de la Société botanique de France ... 1921]. Oct.
Publ.: Feb (med.) 1921 (fide Leussink, in mss. in library FAS), cover (identif.), p. [217]-228. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 67(5-6): 217-228. 1921.

22.418. *Lichens de l'État de New Mexico* (U.S.A.) recueillis par le frère G. Arsène Brouard ... Paris (Laboratoire de Cryptogamie du Muséum national d'Histoire naturelle) 1932. Oct.
Collector: Arsène Gustave Joseph Brouard (1867-1938).
Publ.: Oct 1932 (in journal), cover-t.p., p. [89]-139. *Copy*: L. – Reprinted and to be cited from Ann. Crypt. exot. 5(2): 89-139. 1932.
Note: A supplement to this article was published in Mélanges bryologiques et lichénologiques, being Rev. bryol. lichén. ser. 2. 12: 44-66. 1942.

22.419. *Puccinellia, Poa et Avena* des environs *de Dunkerque* ... [Bulletin de la Société botanique de France ... 1934]. Oct.
Publ.: Jan (prim.) 1934 (fide Leussink in mss. in library FAS), cover-t.p., p. [514]-522. *Copies*: B, L. – Reprinted and to be cited from Bull. Soc. bot. France 80(7-8): 514-522. 1934.

22.420. *Quelques nouveaux lichens de Cuba* recueillis par le frère Hioram ... Extrait de la Revue bryologique et lichénologique ... 1934. Oct.
Collector: Brother Hioram (Jean Frange Lagorce) 1875-1936, see IH 2: 277.
Publ.: 1934, p. [59]-62. *Copy*: B. – Reprinted and to be cited from Rev. bryol. lichén. ser. 2. 7(1-2): 59-62. 1934.

22.421. *Lichens des îles du Cap Vert* recueillis par le Prof. Aug. Chevalier ... Extrait de la Revue bryologique et lichénologique ... 1935. Oct.
Collector: Auguste Jean Baptiste Chevalier (1873-1956), see TL-2/1: 493-494.
Publ.: 1935, p. [14]-17. *Copies*: B. L. – Reprinted and to be cited from Rev. bryol. lichén. ser. 2. 8: 14-17. 1935.

22.422. *Lichens de l'Ile de Pâques* récoltés par M. Métraux et M. le Dr. Drapkin (Mission Franco-Belge 1934) [Annales de Cryptogamie exotique ... 1936]. Oct.
Publ.: Nov 1936, p. [139]-141. *Copy*: B. – Reprinted and to be cited from Ann. Crypt. exot. 8(3-4): 139-141. 1936.

Bourdillon, Thomas Fulton (1849-1930), British (Indian born) coffee planter, forest officer, Travancore 1886, conservator of forests ib. 1891-1908. (*Bourd.*).

HERBARIUM and TYPES: TBGT and K; further material at CAL, MH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 230; Desmond p. 78 (b. 1 Mai 1849, Palmaner, Madras, d. 19 Dec 1930, Bexhill-on-Sea, Sussex; main source); IH 1 (ed .8): 181, 2: 89; Kew 1: 324; Rehder 5(index): 110; Tucker 1: 102.

BIOFILE: Frodin, D.G., Guide Standard floras world 827/422a. 1984.

22.423. *The forest trees of Travancore* ... Trivandrum (printed at the Travancore Government Press) 1908. Oct.
Publ.: 1908 (preface 15 Apr 1908; author's copy to J.S. Gamble at K signed by author 24 Aug 1908), p. [i]-ix, [1]-456, 4 maps. *Copies*: K, L (copy of K).

Bourdon, Raoul (fl. 1882), French marine pharmacist. (*R. Bourdon*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 324.

22.424. *Étude botanique sur le Danais fragrans* ... Annales des Sciences naturelles de Bordeaux et du Sud-Ouest ... 1882. Oct.
Publ.: 1882, cover-t.p., p. [101]-135, *pl. 1-2* (uncol. lith. L.R. Chatel & R. Bourdon). *Copy*: G. – Reprinted and to be cited from Ann. Sci. nat. Bordeaux Sér. 1., Mém. 2: 101-135, *pl. 1-2*. 1882.

***Bourdot, Hubert** (Chanoine) (1861-1937), French clergyman and mycologist, educated at Moulins (Allier), teacher at the "externat Saint-Michel" ib. 1883, curé de Saint-Priest-en-Murat 1898-1937. (*Bourd*ot).

HERBARIUM and TYPES: PC. – Further material in AK. – Bourdot contributed to C. Roumeguère, *Fungi exsiccati praecipue Gallici*.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 230 (b. 30 Oct 1861, Imphy, d. 30 Sep 1937, St.-Priest-en-Murat); GR p. 268-269; GR, cat. p. 60; IH 2: 89; Kew 1: 324; LS 3589-3591, 31.427-31.429; LS suppl. 3399-3413; Stevenson p. 1237; TL-2/1: 294-295 and see indexes.

BIOFILE: Anon., J. Bot. 76: 248. 1938 (subscriptions asked towards the cost of placing a commemorative plaque); Z. Pilzk., Darmstadt 22: *pl. 6* (portr.). 1938; Rev. mycol. 7(5/6): pl. opp. p. 101. 1942 (portr.).
Bertram, G., Bull. trim. Soc. mycol. France 100(1): xxiii-xxvii. 1984 (biogr., portr.).
Gilbert, E.J., Bull. trim. Soc. mycol. France 55: 137-158. 1939 (portr.).
Lloyd, C.G., Synopsis of the genus Fomes, frontisp. portr., 1915.
Sachet, F. et al., Revue mycol. 15(Suppl.): 112-126. 1950 (tributes).
Verdoorn, F., Chron. bot. 4(3): 263, 267. 1938 (obit., portr.).

22.425. *Heterobasidieae nondum descriptae* ... Paris (au Siège de la Société [mycologique de France] ...) 1924. Oct.
Co-author: Amédée Galzin (1853-1925), see TL-2/1: 907.

Publ.: 1924, cover-t.p., p. [1]-6. *Copy*: L. – Reprinted and to be cited from Bull. trim. Soc. mycol. France 39(4): 261-266. 1924.

***Bourgeau, Eugène** (1813-1877), French botanical traveller and collector, born at Brizon (Haute-Alpes), in his early years botanizing and working with N.C. Seringe, then director of the Botanical Garden of Lyon, moved to Paris, curator and traveller for Philip Barker Webb, travelled widely in South and Southwest France (including nine trips to Spain), in Algeria 1856, in North America at the instigation of William Hooker 1857-1861 (mainly in present Canada), continued his European and Near East explorations (for Boissier) 1861-1864, again to North America 1865-1866, in 1867 to Mexico. (*Bourg.*).

HERBARIUM and TYPES: P, but also important collections in G and K; further material in AL, AWH, BHU, BM, BPC, BUC, C, CGE, CN, DBN, DS, E, F, FI, GB, GE, GOET, H, HEID, HH, JE, K, LE, LY, LZ, M, MA, MANCH, MO, MPU, NCY, NTM, NY, OXF, PH, RO, S, TCD, TO, UC, US, W, WAG, WRSL.
(1) *Collected* for the Association botanique française d'exploration, see B's mimeographed letter on the availability of his collections 26 Jan 1849, *Copy*: G. – See also TL-2/1: 295.
(2) Letter of B. Boivin to FAS 12 Sep 1979: Collected 12.000 specimens in Western Canada (Manitoba, W. Ontario, N. Minnesota, N. Dakota (sic.)). – Manitoba and Saskatchewan records discounted by Breitung in his catalogue of Saskatchewan.
(3) Mss. material at BM.

BIBLIOGRAPHY and BIOGRAPHY: AG 1(ed. 2): 97, 2: 344, 5(1): 11, 472, 7: 77; Barnhart 1: 230 (b. Apr 1913, Haute-Savoie, d. 21 Feb 1877, Paris); Clokie p. 136; Colmeiro 1: clxv; CSP 1: 534, 7: 230; IH 2: 89-89; Morren ed. 2, p. 21; PFC 1: liv; Rehder 1: 311; Saccardo 1: 36, 2: 23; TL-2/1: 295; Urban-Berl p. 285, 295, 319, 332.

BIOFILE: Anon., London J. Bot. 4: 497. 1845, 6: 37. 1847; J. Bot. Kew Gard. Misc. 1: 62. 1849, 2: 29, 93-94. 1850, 4: 124-125. 1852, 6: 56. 1854, 7: 30. 1855, 9: 214-219. 1857; Bull. Soc. bot. France 1: 43-44. 1854 (on his sixth trip to Spain), 1: 156. 1854 (id.), 6: 838-839. 1860, 7: 832. 1863 [sic], 8: 64. 1861, 8: 504. 1862, 9: 64, 494. 1863.
Bourgeau, E., J. Linn. Soc. 4: 1-16. 1859 (letters to Hooker).
Burnat, E., Bull. Soc. bot. France 30(Sess. extraord.): cxiv. 1893.
Candolle, Alph. de, Phytographie 399. 1880.
Cavillier, F., Boissiera 5: 25. 1941.
Cosson, E., Bull. Soc. bot. France 13: l-lvi. 1860 (account of travels), 23(Bibl.): 237. 1877 (obit. note); Comp. Fl. Atl. 1: 24. 1881.
Cosson, E. and M.C. Durieu, Expl. Sci. Algérie, Bot. 2: xxii. 1868.
Ewan, J., Biogr. Dict. Rocky Mt. Natural., Regn. Veg. 107: 23-24. 1981.
Ewan, J. and N.D. Ewan, Rocky Mt. Natural. 167-168. 1950.
Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 63. 1970.
Hemsley, W.B., Biol. Centr. Amer. 4: 136. 1887.
Leroy, J.F. et al. [M. Raymond], Bot. franç. Amer. Nord. 7, 14, 189-191. 1957.
McVaugh, R., Contr. Michigan Herb. 9: 223. 1972.
Magnin, A., Bull. Soc. bot. Lyon 32: 134. 1907.
Milner, J.D., Cat. portr. Kew 17. 1906.
Sayre, G., Mem. New York Bot. Gard. 19(3): 196-197. 1975.
Steinberg, C., Monogr. biol. Canar. 4: 32-33. 1973 (handwriting).

Bourguignat, Jules-René (1829-1892), French palaeontologist, botanist and malacologist, associated with the Museum of Saint Germain-en-Laye. (*Bourguignat*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 231; BL 2: 122; BM 1: 214-215; PR 1058; Quenstedt p. 51 (b. 29 Aug 1829, d. 3 Apr 1892); Rehder 1: 416; Tucker 1: 103.

BIOFILE: Anon., J. de Conchyliologie 41: 80-81. 1893 (n.v., partial bibl.).

22.426. *Catalogue raisonné des plantes* vasculaires du Département *de l'Aube*; tome premier. Paris (Chez Mme Ve Bouchard-Huzard, ... chez J.B. Baillière, ...) 1856. Oct. (*Cat. pl. Aube*).
Publ.: Jul 1856 (date on cover-t.p.), cover-t.p., p. [i]-viii, [1]-184. *Copies*: B, G, HH, L, MO. – All published.
Ref.: Anon., Bull. Soc. bot. France 4: 228. Oct-Dec 1857 (brief rev.).

Boutique, Raymond (Jean-Daniel-Marie-Ghislain) (1906-1985), Belgian botanist, educated at the Institut Saint-Pierre at Jette until 1924, studied at the Université Catholique de Louvain 1924-1928, Ing. agric. ib. 1928, phytopathologist at the Jardin botanique de l'État 1930, aide-préparateur 1931-1935, préparateur 1935-1940, chef-préparateur 1940-1945, botanist at the Institut national pour l'Étude agronomique du Congo (INEAC) 1945-1961, with the Institut belge pour la Recherche scientifique Outre-Mer 1961-1963, subsequently assistant at the Institut Royal des Sciences naturelles 1963-1968, again with the Jardin botanique 1968-1971. (*Boutique*).

HERBARIUM and TYPES: BR.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 24; Kew 1: 326; Roon p. 21.

BIOFILE: Lawalrée, A., Bull. Jard. Bot. Nat. Belg. 56: 3-8. 1986 (obit., portr., list publ., 44 nos.).

COMPOSITE WORKS: (1) See bibliography by A. Lawalrée (1986) for the numerous publications with other authors after 1939.

22.427. *Matériaux* pour l'étude des *plantes médicinales* indigènes du *Congo Belge* ... Bruxelles (Marcel Hayez, ...) 1937. Oct. (*Mat. pl. méd. Congo Belge*).
Senior author: P. Staner.
Publ.: 1937 (read 24 Apr 1937), cover-t.p., p. [1]-228, *7 pl.* (uncol. phot.). *Copy*: U. – Issued as Mém. Inst. Roy. Colon. Belg., Sci. nat. méd., coll. in octavo., vol. 5. 1937.
Note (1) See also his (with Staner) *Les plantes médicinales* indigènes congolaises, J. Agron. col., Bruxelles 1937: 229-233.
(2) B's publications nos. 4-44 were published 1945-1972.

***Bouton, Louis** (1800-1879 [1878?]), Mauritius botanist who succeeded Bojer as curator of the Colonial Museum at Port Louis, Mauritius 1858-1865, also secretary of the Royal Society of Mauritius. (*Bouton*).

HERBARIUM and TYPES: At Mauritius Museum and K, further material at G, PH, TCD. – Letters at Kew.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 232; BB p. 40; BL 1: 99; BM 1: 217; CSP 1: 547, 9: 323; Desmond p. 79; IH 2: 90; Jackson p. 198, 353, 469; Kew 1: 326; PR 1065-1068, ed. 1: 1209; TL-2/1: 296; Tucker 1: 103.

BIOFILE: Anon., Bull. Soc. bot. France 25(Bibl.): 237. 1879 (d.).
Baker, J.G., Fl. Mauritius 10*. 1877.
Candolle, Alph. de, Phytographie 399. 1880 (coll.).
Desjardins, J., *in* W.J. Hooker, Bot. Misc. 3: 212-215. 1833.
Trimen, H., J. Bot. 17: 64. 1879 (d.).

22.428. *Sur le décroissement des forêts à Maurice*, article lu à la Société d'Histoire naturelle le 24 Août 1837, à la séance annuelle présidée par son excellence le Gouverneur ... Maurice (Imprimerie d'Aimé Mamarot et Co.) 1838. Oct. (*Decroiss. Forêts Maurice*).
Publ.: 1838, p. [1]-8. *Copy*: WU.

22.429. *Medicinal plants* growing or cultivated in the Island *of Mauritius* ... Mauritius (printed at the Cerneen printing establishment) 1857. Oct.
Publ.: 1857, p. [i]-xiv, [1]-83, 83bis, 84-108, 108bis, 109-177. *Copy*: NY. – Issued also in Trans. Roy. Soc. Arts Sci. Mauritius ser. 2. 1(1): [i]-xiv, [1]-177. 1857. *Copy*: of journal in WU. – The book contains an english and a french version ("Plantes médicinales de Maurice indigènes ou cultivées dans les jardins").
Ed. 2: Apr [i.e. Mai] 1864 (date on t.p. Apr, dedication on p. [iii*] 6 Mai 1864, sic), p. [i*, iii*], [i]-v[dated 16 Apr 1864], [1]-147. *Copy*: BR. – Second edition has only the French version: *Plantes médicinales de Maurice* (deuxième édition).

22.430. *Rapport* présenté à la chambre d'agriculture sur les diverses espèces *de cannes de sucre* cultivées *à Maurice* ... Maurice (Imprimerie de L. Channell, ...) 1863. Oct. (*Rapp. cann. sucr. Maurice*).
Publ.: 1863, p. [i*-ii*], [i]-iv, [1]-28. *Copy*: G.

Bouvet, Georges (1850-1929), French pharmacist and botanist, born at Angers, studied at the Lycée David d'Angers, student at the Ménière pharmacie at Angers, pharmacist 1876, had a pharmacy of its own 1876-1919, also director of the Musée d'Histoire naturelle and of the Jardin des plantes of Angers, including the various herbaria (Herb. Boreau, Herb. Lloyd, General herbarium of the Jardin des plantes). (*Bouvet*).

HERBARIUM and TYPES: ANG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 232 (b. 5 Jul 1850, Angers); BL 2: 177; BM 1: 217; CSP 12: 110-111, 13: 744-745; IH 1 (ed. 8): 149; Jackson p. 287; Kew 1: 326; Morren ed. 10, p. 59; Rehder 5(index): 112; Tucker 1: 103, 767.

BIOFILE: Anon., J. Bot. [Morot] 18(2): xviii. 1904 (appointed curator Herb. Lloyd at Angers); Hedwigia 70(1) (Beibl.): (73). 1930 (d. 17 Mar 1939 at Angers).
Couffon, O., Bull. Soc. Étud. Sci. Angers ser. 2. 58: 93-98. 1929 (obit., portr., list of publ.).

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Publ.: 1873 (p. 3 signed 2 Mai 1872), cover-t.p., p. [i, iii], [1]-68. *Copy*: B. – Reprinted and to be cited from Bull. Soc. Étud. Sci. Angers ser. 2. 2: 110-175. 1873. – *Note*: for follow-up see *Musc. Maine-et-Loire* 1896.
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Publ.: 1874 (p. [3]: Dec 1873), p. [1]-48. *Copy*: G. – Reprinted and to be cited from Bull. Soc. État Sci. Angers ser. 2. 3: 93-137. 1874.
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Publ.: 1876, p. [1]-14. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Étud. Sci. Angers 1876 (n.v.).
Note: A combination of Bull. Soc. Étud. Sci. Angers ser. 2. [4-]5: 192-199, 200-203. 1876.

Titles in journal: *Additions à la flore de Maine-et-Loire* and *Plantes rares ou nouvelles pour la flore d'Indre-et-Loire*. – See also CSP 12: 111.
Ref.: Tourlet, E.H., Bull. Soc.. pharm. Indre-et-Loire 1905: 103-104 (further information).

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Publ.: 1885 (Nat. Nov. Mar (2) 1886, Bot. Zeit. 26 Mar 1886), p. [i]-xii, [xiii-xiv], [1]-239, [240]. *Copies*: G, NY. – Preprinted or reprinted from Bull. Soc. Étud. Sci. Angers ser. 2. 14: 137-364. 1885.

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Publ.: 1896 (Nat. Nov. Mai (2) 1897, Bot. Centralbl. 16 Jun 1897), p. [1]-148. – Preprinted or reprinted from Bull. Soc. Étud. Sci. Angers ser. 2. 25: 343-496. 1896.
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Copies: MO.
Note (1): Supplément no. 4, in Id. ser. 2.. 42/43: 67-81. 1914; suppl. 5, in Id. ser. 2. 53: 59-65. 1923.
Note (2): The 1896 publ. is in fact a second edition of *Essai cat. Mousses* etc. 1873, see above.
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Publ.: 1904 (Nat. Nov. Nov (1) 1904), cover-t.p., p. [673]-689. *Copies*: B, G. – Preprinted or reprinted from C.R. Assoc. franç. Avancem. Sci. 1903: 673-689. 1903/04.
Prior publication: 1889, 70 p., *Les Rubus de l'Anjou*, essai d'une révision synthétique, in Bull. Soc. Étud. Sci. Angers ser. 2. 19: 105-174. 1889.

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Publ.: Jul 1907 (p. 3: 26 Mar 1907, printed Jul 1907; Bot. Centralbl. 7 Jan 1908), cover-t.p., p. [i, iii], [1]-108. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. Étud. Sci. Angers ser. 2. 36: 1-108. 1907.

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Publ.: *1*: Oct-Dec 1911 (printed Sep 1911; Nat. Nov. Feb (2) 1912), cover-t.p., p. [1]-33. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. Étud. Sci. Angers ser. 2. 40: 31-64. 1911.
2: 1912 (Nat. Nov. Dec (1) 1912), cover-t.p., p. [1]-30. *Copies*: B, G. – Id. ser. 2. 41: 9-36. 1912. – "Deuxième partie".

Bouveyron, L. (fl. 1914), French botanist at Bourg. (*Bouveyron*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 144.

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Publ.: [*1*]: 15 Mar 1914 (date given in part [2] p. 1), cover-t.p., p. [1]-8. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Natural. Ain 1914. (n.v.).

[*2*]: 1915, cover-t.p., p. [1]-8, *1 photo*. *Copy*: G. – Id. – *Flore de l'Ain*. [2] Primula grandiflora x elatior Loret, Note complémentaire (Voy. Bull. du 15 mars 1914) ... Bourg (id.). 1915. – Reprinted from journal id. 1915 (n.v.).

***Bouvier**, [Jean] **Louis** (1819-1908), French botanist, born at St.-Félix (Hte. Savoie), studied at Paris, natural history teacher at the Collège Chaptal, Paris 1841-1846, studied medicine, Dr. med. 1850 Paris, curator of natural history at Annecy (Hte. Savoie) 1851-1855, practicing physician at Lancy (nr. Genève) 1867-1882, living in Genève 1882-1890, with his son in Buenos-Aires (Argentina) 1890-1908. (*Bouvier*).

HERBARIUM and TYPES: G. – *Rosa* collections at Annecy. – Further material at DBN.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 110, 12(2): 277; Barnhart 1: 232; BL 2: 198, 199, 557, 572; BM 1: 217; CSP 7: 237; GR p. 308-309; IH 2: 90; Jackson p. 229, 278, 342, 343; Kew 1: 326; Morren ed. 10, p. 110; Rehder 1: 436, 2: 287, 293; Saccardo 1: 36, 2: 23; TL-2/1: 296 and see indexes; Tucker 1: 103, 767.

BIOFILE: Anon., Nat. Nov. 30: 361. 1908 (d. in Buenos Aires).

Beauverd, G., Bull. Herb. Boissier ser. 2. 8: 437-439. 1908 (obit.); Bull. Soc. bot. Genève ser. 2. 13: 272-274. 1921 (on B's herb.).

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Miège, J. and Wuest, Saussurea 6: 133. 1975 (herb. first to M. Maffre, ultimately at G).

NOTE: (1) TL-2/690, *Flore des Alpes* ed. 1: Jan 1878 (p. iv: 15 Dec 1877; Soc. bot. France rd. 25 Jan 1878).

22.440. *Le Jardin de la Mer de Glace* et sa végétation ... Annecy (Typographie d'Aimé Burdet) 1854. Oct.

Publ.: Jun 1854 (date on p. [2]), p. [1]-16. *Copy*: G. – Reprinted from Ann. Ass. Florimontane fasc. 2. Jun 1854 (n.v.).

22.441. *Histoire de la botanique Savoyarde* ... Extrait du Bulletin de la Société botanique de France [1867]. Oct.

Publ.: Dec 1867 (fide Leussink, Taxon 34(4): 588. 1985), p. [1]-32. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 10(9): 644-675. 1867.

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Publ.: 1875 (dedication to Crépin on p. 2 dated 1 Feb 1875), p. [1]-56. *Copy*: G. – Reprinted and to be cited from Bull. Inst. Genevois 19: 67-120. 1875.

22.443. *Flore des Alpes* de la Suisse et de la Savoie comprenant la description des plantes indigènes et des plantes cultivées, les propriétés de chaque famille de chaque espèce utile ou nuisible et des données hygiénique sur les fruits de nos climats ... Paris (Alphonse Picard ...) 1878. Oct. (*Fl. Alpes*).

Publ.: 1878, p. [i*-v*], [i]-iv, [v-viii], [1]-789, [790]. *Copy*: L.

Ed. 2: 1882 (p. iv: preface signed 25 Apr 1882), p. [i*-iii*], [i]-iv, [v-viii], [1]-228 (Monocot.), [1]-812 (Dicot.). *Copy*: L.

22.444. *Promenades botaniques*. Itinéraire du jeune botaniste dans le Canton de Genève et les contrées voisines ... Genève (Principaux libraires), Lausanne [1890]. Oct. (*Prom. bot.*).

Note: author's name not mentioned in publication.

Publ.: 1890 (p. [vi] signed 15 Mar 1890), cover-t.p., p. [i-vi], [1]-66. *Copies*: G, NY.

***Bowdich, Sarah** (née **Wallis**; afterwards **Lee**) (1791-1856), British botanist, collected plants in tropical West Africa, with her husband T.E. Bowdich (1791-1824) in West Africa 1814, 1815 and 1823, married Robert Lee in 1829 (*Bowdich*).

HERBARIUM and TYPES: Major part of her Madeira, Cape Verde Isls., and Sierra Leone collections lost at sea, some material at BM.

NOTE 1: See D.J. Mabberley's publications on Edward and Sarah names of Macaronesian and African plants, notes on those of Robert Brown, Botanica Macaronesica 6: 53-65. 1978 (1980), his History in the Service of Systematics, Society for the Bibliography of Natural History special publication 1: 103-109. 1981, and his notes on the Bowdichs in his Robert Brown of the British Museum 210, 245-246, 349, 390. 1985.

NOTE 2: TL-2/691, *Exc. Madeira* also available on microfiche, IDC E-8518/1.

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BIOFILE: Anon., Gentlem. Mag. 1856: 653-654.
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Hardy, J., Selections from correspondence of George Johnston 177. 1892.
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Mabberley, D.J., Bot. Macaronesica 6: 53-66. 1978 (publ. 1980); Hist. Service Systematics, Soc. Bibl. nat. Hist. spec. publ. 1: 103-109. 1981; Robert Brown of the British Museum 210, 245-246, 349, 390. 1985 (major source).
Nissen, C., Zool. Buchill. 59 (nos. 513-517). 1966.

***Bower, Frederick Orpen** (1855-1948), British botanist (palaeobotanist), born in Ripon, Yorkshire, studied at the University of Cambrige 1874, Dr. phil. bot. 1877, with J. Sachs in Würzburg 1877, id. with de Bary in Strasbourg 1879, teaching at South Kensington, London and working at Kew 1880-1885, professor of botany at the University of Glasgow (regius chair) 1885 and dedicating himself to comparative morphology, retired 1925. (*Bower*).

HERBARIUM and TYPES: GL (incl. palaeontology material); further material at GALW, MICH (200 Lich.), NMW, NY. – *Manuscripts*: Glasgow University Archives (NRA 18.906). – 8 letters to Leonhard Cockayne 1911-1917, letter to John Lowe at HU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 233 (b. 4 Nov 1855, d. 11 Apr 1948); BFM 2263a; BJI 1: 6, 2: 17; BM 1: 218, 6: 118; Bossert p. 48; CSP 13: 750; Desmond p. 80 (further refs.); DNB 1941-1950: 94-95; DSB 2: 370-372 (bibl.); Hortus 3: 1189; IF p. 683; IH 2: 90; Kew 1: 328-329; Lenley p. 46; LS suppl. 3442; Moebius p. 127; Morren ed. 10, p. 71; MW p. 51; Plesch p. 154-155; Rehder 5(index): 112; TL-2/1: 297 and see indexes; Tucker 1: 103.

BIOFILE: Allan, M., The Hookers of Kew 230, 239. 1967.
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Publ.: 1891 (Bot. Zeit. 29 Jul 1892), cover-t.p., p. [265]-273. *Copy*: L. – Reprinted and to be cited from Proc. Roy. Soc. 50: 265-273. 1891.

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Publ.: 21 Sep 1894 (in journal; Nat. Nov. Oct (1) 1894), p. [473]-572, *pl. 42-52* (uncol. liths. auct.). *Copy*: L. – Reprinted and to be cited from Philos. Trans. Roy. Soc. London B-185: 473-572, *pl. 42-53*. 1894.

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Publ.: Oct-Nov 1896 (postscript on p. [87] dated Oct 1896; Bot. Zeit. 1 Dec 1896, rd. by Flora 22 Feb 1897), cover-t.p., p. [i-iii], [1]-86, [87], *pl. 1-9* (uncol. liths. auct.). *Copies*: L, U. – Not published in any periodical.
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Publ.: 6 Nov 1903 (date on cover-t.p.; Nat. Nov. Dec (2) 1903), p. 191-257. *Copies*: G, L. – Reprinted and to be cited from Philos. Trans. Roy. Soc. London B-196: 191-257. 1903.
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3: Jul 1913 (in journal), cover-t.p., p. [443]-477, *pl. 32-34* (id.). *Copies*: B, L(2). – Id. 27(107): 443-477, *pl. 32-34*. 1913. – "III. On *Metaxya* and certain other relatively primitive ferns".
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22.468. *On medullation on the Pteridophyta* ... Annals of Botany ... 1911. Oct.
Publ.: Jul 1911 (in journal; Nat. Nov. Aug (2) 1911), cover-t.p., p. [555]-574, *pl. 47* (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from Ann. Bot. 25(99): 555-574, *pl. 47*. 1911.

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Publ.: 8 Nov 1916 (date of issue of reprint on p. 657), cover-t.p., p. [657]-708, *pl. 51* (uncol. phot.). *Copies*: BKL, L. – Reprinted and to be cited from Trans. Roy. Soc. Edinburgh 51(3)(21): 657-708, *pl. 51*. 1916.

22.470. *Botany* of the *living plant* ... London (Macmillan and Co. ...) 1919. Oct. (*Bot. liv. pl.*).
Publ.: *Ed. 1*: 1919 (p. viii: Feb 1919), p. [i]-x, [1]-580. *Copy*: BR.
Ed. 2: 1923, n.v.
Ed. 3: 1939 (assisted by J.M.F. Drummond and George Bond), n.v.
Ed. 4: 1947 (by C.W. Wardlaw), p. [iii], frontisp., p. [v]-xii, [1]-699, [701 printer's mark]. *Copies*: BR, U.

22.471. *The earliest known land flora* ... Royal Institution of Great Britain ... [London (printed by William Clowes and Sons, ...)] 1920. Oct. (*Earl. land fl.*).
Publ.: Mai 1920 (read 30 Apr 1920), p. [1]-10, *4 phot. Copy*: B.

22.472. *Size, a neglected factor in stelar morphology* ... Edinburgh (Published by Robert Grant & Son, ...) 1921 [1920]. Oct. (*Size, in stelar morph.*).
Publ.: 30 Dec 1920 (date on p. 25), cover-t.p., p. [1]-25. *Copy*: L. – Preprinted from Proc. Roy. Soc. Edinburgh 41(1)(1): 1-25. 1921.

22.473. The *primitive spindle* as a fundamental feature *in the embryology of plants* ... Edinburgh (published by Robert Grant & Son, ...) 1922. Oct.
Publ.: 1922, cover-t.p., p. [1]-36. *Copy*: L. – Reprinted and to be cited from Proc. Roy. Soc. Edinburgh 43(1)(1): 1-36. 1922.

22.474. Remarks on the *present outlook on descent* ... Edinburgh (published by Robert Grant & Son, ...) 1924. Oct. (*Pres. outlook descent*).
Publ.: 11 Feb 1924 (date on p. 7), cover-t.p., p. [1]-7. *Copy*: L. – Preprinted from Proc. Roy. Soc. Edinburgh 44(1)(1): 1-7. 1923/1924.

22.475. *Size and form in plants* with special reference to the primary conducting tracts ... London (Macmillan and Co., ...) 1930. Oct. (*Size form pl.*).
Publ.: 1930 (preface Mai 1930), p. [i]-xiii, [xiv], [1]-232. *Copy*: U.
Facsimile reprint: 1973, p. [i*-iv*], [i]-xiii, [xiv], 1-232. *Copy*: FAS(B). – Hafner Press (New York) and Collier Macmillan Publishers (London). – ISBN 02-841830-x.
Ref.: Turrill, W.D., Kew Bull. 1930(10): 503-504 (rev.).
Cutler, D.F., Kew Bull. 31(4): 851. 1977 (rev. facsim. repr.).

22.476. *Sixty years of botany in Britain* (1875-1935) impressions of an eye-witness ... London (Macmillan and Co., ...) 1938. Oct. (*Sixty years Bot. Brit.*).
Publ.: 1938 (p. vii, preface dated Jan 1938), p. [i], [frontisp. J.H. Huxley], [iii]-vii, [ix, xi], 1-112, [113, adv.]. *Copy*: U.

Bowles, Edward Augustus (1865-1954), English horticulturist and entomologist, educated at home until 1884, went to Jesus College, Cambridge, degree in theology 1887, (never ordained) gentleman of private means from 1887 dedicating himself to social work and natural history at his family home Myddelton House, Enfield, Middlesex. (*Bowles*).

HERBARIUM and TYPES: Some specimens of garden origin at BM (info. W.F. Stearn).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 234 (b. 14 Mai 1865); Desmond p. 81 (further refs.); Hortus 3: 1189; Kew 1: 330; Plesch 155; Zander ed. 10, p. 639, ed. 11, p. 726.

BIOFILE: Allan, M., E.A. Bowles and his garden at Myddelton House, London "1973" [i.e. 1975], 264 p.
Anon., Gardeners Mag. 1907: 689-690 (portr.); Entomologist's Rec. J. Var. 66: 178-179. 1954.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 79.7, 216.7, 229.283, 275.11. 1980.
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H.M.E., Entomologist 87: 148-149. 1954.
Massingham, B., A century of gardeners, London 1982, 256 p. (portr.).
Murray, G., Hist. Coll. Nat. Hist. Depts. Brit. Mus. 1: 136. 1904 (herb. specim. Crocus etc., presented 1901-1903).
Nelmes, E. and D.C. Cuthbertson, Curtis's Bot. Mag. Dedications 1827-1927. 388-390. 1931 (dedic. in Bot. Mag. 151).
Perry, F., Country life 1985: 1255-1257 ("Church's loss, Garden's gain", portr.).
Rix, M., The art of the botanist 212, 216. 1981.
Stearn, W.T., unpublished information in writing s.d.; J. Roy. Hort. Soc. 80(7-8): 317-326, 366-376. 1955 (main source, biogr., portr., list of publications); Ann. Musei Goulandris 6: 127-135. 1983.
Street, J., Amateur Gardening 85(4354): 40. 1968 (portr.).

NOTE: (1) Bowles' "*My garden in spring, summer, autumn and winter*", 3 vols. 1914-1915. – Reprinted 1972.

22.477. *A handbook of Crocus and Colchicum* for gardeners ... London (The Bodley Head) 1924. Oct. (*Handb. Crocus*).
Publ.: *Ed. 1*: 1924, n.v.
Ed. 2: 1952, errata slip, p. [1-2], *pl. 1* (col.), [3]-222, *pl. 2-34* (drawings, some col.). – *Copy*: U.

22.478. *A handbook of Narcissus* ... London (Martin Hopkinson Ltd. ...) 1934. Oct. (*Handb. Narcissus*).
Publ.: 1934 (Nat. Nov. Feb 1935), p. [1], frontisp., [3]-248, *pl. 2-24* (uncol. drawings). *Copies*: MO, U.
Ref.: Stieber, M.T. et al., Huntia 4(1): 60. 1981 (author's working copy of *Handb. Narcissus* at HU).

Bowman, Paul William (1897-?), American botanist, born at Reading, Pennsylvania, A.B. Univ. Pennsylvania 1924, A.M. at Georg Washington 1928, PH.D. (biol.) Virginia 1930, instructor in botany at George Washington 1924-1929, fellow in biology in Virginia, 1929-1930, assistant professor in botany at George Washington, 1930-1934, id. in biology 1934-1937, assoc. professor 1937-1945, professor 1945-1962, emer. professor 1962. (*P.W. Bowman*).

HERBARIUM and TYPES: DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 234 (b. 17 Mai 1897), BL 1: 143, 287.

BIOFILE: Anon., Amer. men sci. ed. 11(1): 526. 1965 (brief note).
Nelson, E.C., Glasra 4: 41. 1980 (some herb. material from USA, Mass. 1928 in DBN).

22.479. Notes on the *flora of the Matamek River District*, "North Shore", Quebec, Canada ... Rhodora ... 1932. Oct.

Publ.: Mar 1932 (in journal), p. [48]-55. *Copy*: BKL. – Reprinted and to be cited from Rhodora 34(399): 48-55. 1932.

Box, Harold Edmund (1898-1972[?]), British botanist, travelled and collected in West Africa, Venezuela and the British West Indies. (*Box*).

HERBARIUM and TYPES: BM, further material at FHI, HH(A), MO, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 234; BL 1: 229; IF (suppl. 4) p. 314; IH 2: 91; Kew 1: 331.

BIOFILE: Gunn, D.L., Proc. Roy. entom. Soc., London (C)40: 51. 1976 ("1897?-1972?").
Stieber, M.T., Huntia 4: 153. 1982 (field notes at US).

22.480. *Pteridophyta of St. Kitts* ... Extracted from the Journal of Botany ... 1937. Oct.
Co-author: Arthur Hugh Garfit Alston (1902-1958), see TL-2, suppl. 1: 87-89.
Publ.: Sep 1937 (in journal), p. [241]-258, pl. 612. *Copies*: L, U. – Reprinted and to be cited from J. Bot. 75: 241-258, *pl. 612*. 1937.

Boxus, Robert (fl. 1939), Belgian (Wallonian) botanist. (*Boxus*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 30, 39, 633.

NOTE: (1) Outside our period: *Dictionaire Wallon Hutois des noms des plantes* indigènes et cultivées, Huy, 93 p., s.d. [1949?]. – 943 Walloon names used in Huy and vicinity (BL 2: 39). – See also Joseph Bastin, *Les plantes de la Wallonie malmédienne*, Liège 1939, 260 p.

22.481. *La flore médicale Wallonne* ... Huy (Imprimerie Degrace) 1939. Oct. (*Fl. méd. Wallon.*).
Publ.: 1939, cover-t.p., p. [1]-179. *Copy*: BR. – See BL 2: 30.

Boye, P. (fl. 1896-1912), Norwegian phycologist of Stavanger. (*Boye*).

HERBARIUM and TYPES: O.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 235 (no info.); BM 1: 219; CSP 13: 753; De Toni 4: viii; Kleppa p. 86; KR p. 46, 86, 302.

22.482. *Bidrag* til kundskaben om *Algevegetationen ved Norges vestkyst* ... Bergens Museums Aarbog 1894-1895 [1895]. Oct.
Publ.: 1895 (Kleppa p. 86 fixes date at 1895, CSP has 1896; Nat. Nov. Mar (1) 1896), cover-t.p., p. [1]-46, *pl. 1*. *Copy*: L. – Reprinted and to be cited from Bergens Mus. Aarb. 16: 1-46, *pl. 1*. 1895. – Kleppa p. 86.

Boyer, Charles Summer (1856-1928), American diatomist, at Brown University 1875-1879, A.B. 1879, A.M. 1885, teacher in Philadelphia public schools 1883-1916. (*C.S. Boyer*).

HERBARIUM and TYPES: PH (diat.). – Further material at HH(FH).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 235 (b. 23 Sep 1856, Philadelphia, d. 27 Mai 1928, id.); De Toni 4: viii; Kew 1: 331.

BIOFILE: Ewan, J. (ed.), Short hist. bot. U.S. 79. 1969.
Fryxell, G.A., Beih. Nova Hedwigia 35: 360. 1975 (coll.).
Harshberger, J.W., Botanists of Philadelphia 372-374. 1899.

Koster, J. Th., Taxon 18: 550. 1969 (coll. PH).
VanLandingham, S.L., Cat. Diatom. 4: 2291. 1971, 6: 3512. 1978, 7: 4151. 1978 (bibl.).

COMPOSITE WORKS: (1) C.S. Boyer, *Diatoms*, *in* N.L. Britton and C.F. Millspaugh, *Bahama flora*, New York 26 Jun 1920.

Boyer, Georges (fl. 1890), French phytopathologist and professor at the Agricultural School in Montpellier. (*Ge. Boyer*).

HERBARIUM and TYPES: Unknown.

NOTE: Not to be confused with the mycologist Gaston Boyer (who called himself as George Boyer "G. Boyer") at Bordeaux. – See LS entries for G. Boyer, Bordeaux.

BIOFILE: Barnhart 1: 235; CSP 13: 754; Stevenson p. 1237.

22.483. Recherches sur les maladies de l'Olivier. Le *Cycloconium oleaginum* ... Montpellier (Typographie et Lithographie Charles Boehm ...) 1891. Oct.
Publ.: 1891 (Bull. Soc. bot. France rd. 11 Mar 1892), cover-t.p., p. [1]-8, *pl. 15* (col. lith.), *16* (uncol. lith.). *Copy*: L. – Reprinted and to be cited from J. Bot. [Morot] 5: 434-440, *pl. 15-16*. 1891.

22.484. *Matériaux pour la flore mycologique des environs de Montpellier* ... Montpellier (Typographie et Lithographie Charles Boehm ...) 1894. Oct.
Co-author: Arthur Louis Arthurovič de Jaczewski (1863-1932), see TL-2/2: 413-414.
Publ.: Dec 1894 (fide Leussink, Taxon 35(2): 260. 1986; read for Soc. bot. France Mai 1893, rd. by Bull. Soc. bot. France 27 Jul 1894, Nat. Nov. Nov (1) 1894), p. [1]-48. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 40(SE 3): cclx-ccxcviii. 1893 [i.e. 1894]. – This version published in Ann. École natl. Agr. Montpellier. – See also TL-2/3259.

22.485. Observations sur une Théléphorée vivant sur la vigne. *Helicobasidium purpureum* ... Montpellier (Typographie et Lithographie Charles Boehm ...) 1895. Oct.
Publ.: 1895 (Bull. Soc. bot. France rd. 15 Jan-31 Jul 1895), cover-t.p., p. [1]-9, [10], *pl. 8-9* (p.p. col. liths.). *Copy*: L. – Reprinted and to be cited from Ann. École natl. Agr. Montpellier 8. 1895 (n.v.).

Index to Titles

Each book or paper treated in the foregoing text has been assigned a number printed in bold face; these are given in this index at the end of each entry. Because both short titles (the first significant words of the full title) and abbreviations of short titles are given, this index includes both. The initial definite and indefinite articles are omitted from titles. The unabbreviated short titles are alphabetized word by word, but abbreviated ones are treated as if they were single words with the omission of punctuation and spaces.
If a title is mentioned under two numbers, both are given in this index. Since the same title, at least in its short form, may have been used by two or more authors, each entry includes the name of the author in the form recommended at the end of the first paragraph of the section treating him.
Titles of exsiccata are included, printed in italics, and titles of journals taken from the surname of botanists are printed in capital letters. Both kinds of entry include, in parantheses, the surname concerned preceded by the initials of his first name with the word *see* in italics.
In addition there are three less frequently encountered kinds of references which should be identified and explained:
(1) When a second title of the same author is mentioned in the treatment of a book or paper, the index entry for the former refers to the number of the latter.
(2) It sometimes happens that in the treatment of one book or paper by author A, the title of a book or paper by author B is mentioned; this situation is indicated in the index by paranthetically instructing the user to *see* the number assigned to A's title.
(3) Similarily a book or paper by author B may be mentioned under the author A in paragraphs other than those describing his titles; this is indicated by the index-notation "*see* author A".

A propos d'Azolla (C. Bernard) 20.996
A propos d'un mémoire de G. Klebs (Blaringhem) 21.499
A propos d'une fougère trouvée en Espagne (*see* 21.975)
Aanteekeningen flora van Nederlandsch-Indië (Boerl.) 21.830
Aanteekeningen over het Noorden van Finsch Lapland (W. Beij.) 20.786
Abb. Cab. Holzarten (Bellermann) 20.811
Abbildungen zum Cabinet der vorzüglichsten Holzarten (Bellermann) 20.811
Abhandlung Steinkohlen Ablagerungen (Beinert) 20.795
Abh. Steinkohl. Ablager. (Beinert) 20.795
Abnormal flower structure in Oxalis stricta (H. Bergman) 20.949
Abnormal spores of some Ganoderma (Bose) 22.317
Absidia septata (Bernátzky) 21.009
Acanthacée de la Nouvelle-Calédonie (Benoist) 20.861
Account of two new genera allied to Olacineae (Benth.) 20.873
Acquisition du jardin botanique de Bruxelles (*see* 21.965)
Acrochaetium et Chantransia (Bornet) 22.183
Acta et agenda (Blatt.) 21.513
Addenda ad florae nannetensis prodromum (*see* 21.969)
Addenda ad floram Atlantidis (*see* 21.916)
Add. fl. Wilcox gr. (E.W. Berry) 21.059

Additamenta Thes. Lit. Bot. (*see* Berg, E. von)
Additional notes on Liriodendron leaves (E.W. Berry) 21.030
Additions à la flore de Maine-et-Loire (*see* 22.433)
Additions et modifications aux Lois de la nomenclature botanique de 1867 (Bornet) 22.184
Additions to the Flora of South Australia (J.M. Black) 21.395; (*see* Black, J.M.)
Additions to the flora of the Wilcox group (E.W. Berry) 21.059
Additions to the Michigan flora since 1892 (*see* 20.463)
Addit. modif. nomencl. bot. (Bornet) 22.184
Adventiva Solanum-arter (C.H. Blom) 21.583
Adventivpflanzen im Ruhrgebiet (*see* 22.062)
Affinities and distribution Lower Eocene flora (E.W. Berry) 21.043
Agapanthus inapertus (Beauverd) 20.477
Agaricus crinitus (Berk.) 20.958
Agaven (A. Berger) 20.922
Aggiunte alla flora trevigiana (*see* Bizzozero, G.)
Aims and methods in the study of vegetation (*see* Bews, J.W.)
Ålands moss. (Bom.) 21.954
Ålands mossor (Bom.) 21.954
Alcune notizie sulle Romulea (Bég.) 20.729
Alcune piante da aggiungersi alla Flora veneta (Bizz.) 21.387
Aléthoptéridées (P.C.E. Bertrand) 21.147
Algae aquae dulcis exsiccatae (*see* Berggren, S., Borge, O.F., Bornet, É.)
Algae collected on the Sandwich Isl. (*see* Berggren, S.)
Algae-Vegetation of the Faeröese coasts (Børgesen) 21.779
Algal flora of the Maiden Tanks (Biswas) 21.347
Algal vegetation of the lagoons in the Danish West Indies (Børgesen) 21.795
Alg. aq. dulc. Sandvic. (*see* Berggren, S.)
Algen aus Argentina und Bolivia (Borge) 22.146
Algen der ersten Regnell'schen Expedition (Bohlin) 21.851
Algen der ersten Regnell'schen Expedition, Desmidiaceen (Borge) 22.144
Algen Kärntens (Beck) 20.629
Algenflora um den Torne-Träsksee (*see* 22.145)
Algenflora um Grövelsee (*see* 22.145)
Algenvegetationsbilder (*see* Børgesen, B.F.C.)
Algeveg. Faerøern. kyst. (Børgesen) 21.775
Alg. Golfe Marseille (Berner) 21.015
Algologiska Notiser (*see* 22.137)
Alg. Regnell. Exp. Protococc. (Bohlin) 21.851
Algues d'eau douce (*see* Bernard, C.)
Algues d'eau douce Antilles danoises (*see* 21.797)
Algues du Département de la Haut-Vienne (Bornet) 22.180
Algues de Madagascar (Bornet) 22.172
Algues marines dans le Golfe de Marseille (Berner) 21.015
Alg. unicell. (C. Bernard) 21.001
Alg.-Veg. Faeröese coasts (Børgesen) 21.779
Allgemeiner pflanzengeographischer Atlas (Berghaus) 20.942
Allg. pfl.-geogr. Atlas (Berghaus) 20.942
Aloëholz (Boorsma) 22.086
Alpenblumen Semmering-Geb. (Beck) 20.600
Alpenpflanzen (*see* Bennett, A.W.)
Alpine plants (*see* Bennett, A.W.)
Alpine plants painted from nature (*see* Bennett, A.W.)
Altérations dans les tourbières (Bouillenne) 22.375
Amélioration des plantes (Boeuf) 21.845
Amélior. pl. (Boeuf) 21.845
Anat. Atl. pharm. Waarenk. (O. Berg) 20.902
Anat. Blattorg. Polypod. (Benze) 20.892
Anat. Oenanthe croc. (Behuneck) 20.775
Anatomical studies in xerophyte apophyllous plants (*see* Böcher, T.W.)
Anatomie des Stammes der Berberitze (Boening) 21.752
Anatomie des Stengels der Labiaten und Scrophulariaceen (A. Born) 22.160
Anatomie von Oenanthe crocata (Behuneck) 20.775
Anatomisch-physiologische Untersuchungen der Blüthen-Nectarien (W.J. Behrens) 20.770
Anatomischer Atlas zur pharmaceutischen Waarenkunde (O. Berg) 20.902
Anatomy and physiology of Hevea brasiliensis (Bobilioff) 21.654
Anatomy Tillandsia recurvata (Birge) 21.313
Anat. phys. Hevea bras. (Bobilioff) 21.654
Anat. Stamm. Berberitze (Boening) 21.752
Anat. Steng. Labiat. Scrophul. (A. Born) 22.160
Ancestors of the big trees (E.W. Berry) 21.034
Ancora della Quercus macedonica (*see* 22.306)
Ancora sul Polyporus hispidus (Berl.) 20.976
Animadv. bot. Valer. (*see* Betcke, E.F.)

Anl. Arzneik. phan. Gewächse (A. Berg) 20.895
Anleit. Kenntn. Pfl. (Bernh.) 21.017
Anleitung Erkennung in der Arzneikunde gebräuchlichen Gewächse (A. Berg) 20.895
Anleitung zur Kenntniss der Pflanzen (Bernh.) 21.017
Annotated list of the ferns of Simla (Blanf.) 21.489
Annotations about dermatomycoses in Batavia (Boedijn) 21.732
Anomalies dans le règne végétal (Bellynck) 20.823
Annot. list ferns Simla (Blanf.) 21.489
Ansérine amarante (Bois) 21.870
Anteckningar om vegetationen Gränstrakterna (Bergroth) 20.951
Anteckn. veg. Gränstrakterna (Bergroth) 20.951
Anthylliden des Berliner Botanischen Museums (W. Becker) 20.664
Anthyllisstudien (W. Becker) 20.668
Aperçu de la géographie physique de Volhynie (Besser) 21.197
Aperçu historique sur les plantes de Tunisie (Bonnet) 22.019
Appendix generum et specierum novarum (*see* Bouché, C.D.)
Appendix plantarum novarum (*see* Bouché, C.D.)
Appendix specierum novarum (*see* Bouché, C.D.)
Appunti fitogeografici M. Cònera (Bég.) 20.728
Appunti per una flora del l'Isola di Capri (Bég.) 20.722
Appunti sulla flora del Trevigiano (Bolzon) 21.945
Aquilegiák rendszere (Borbás) 22.099
Aquileg. rendsz. (Borbás) 22.099
Aralo-Casp. Callig. (I.G. Borshch.) 22.285
Aralo-Caspischen Calligoneen (I.G. Borshch.) 22.285
Arboretum Tervueren (C. Bommer) 21.959
Area distributiva di Saxifraga petraea (Bég.) 20.721
Art comp. jard. (Boitard) 21.894
Art de composer jardins (Boitard) 21.894
Ascomyceter fra Dovre (*see* 21.632)
Asiatic Palms. Lepidocaryeae (Becc.) 20.531
Asie min., Bot. (*see* Boissier, P.)
Aspergillaceen (Blochwitz) 21.549
Asplenium (Bernh.) 21.016
Atlas off. Pfl. (*see* Berg, O.C.)
Atmophytische Moosdiatomeen in den Alpen (Beger) 20.697
Aufzaehlung der auf einer Reise durch Transkaukasien und Persien gesammelten Pflanzen (*see* Boissier, P.)
Aufz. Oldenb. crypt. Gefässpfl. (Böckel) 21.678
Aufzählung Oldenburgischen Cryptogamischen Gefässpflanzen (Böckel) 21.678
Augustin Lippi sur la flore d'Égypte et de Nubie (Bonnet) 22.014
Aus den Einsamkeiten Irans (*see* 22.270)
Aus der Flora Afghanistans (Bornm.) 22.263
Aus der Pflanzenwelt des inner-iranischen Wüstengürtels (Bornm.) 22.265
Ausbreitung des Löwenmaulrostes (S. Blumer) 21.618
Ausbr. Löwenmaulrost (S. Blumer) 21.618
Australian botanical nomenclature (*see* Black, J.M.)
Australische Süsswasserchlorophyceen (Borge) 22.140
Austral. Süsswass.-Chlorophyc. (Borge) 22.140
Azolla prothallium (Berggr.) 20.936
Bäum. Griechenl. (*see* Bolle, C.A.)
Bahama flora (*see* Boyer, C.S.)
Balanographische Kleinigkeiten (Borbás) 22.101
Balt. Fl. (Bien.) 21.283
Baltische Flora (Bien.) 21.283
Bastardkaryologie (Bleier) 21.535
Bast. Veilchen-Art. (Bethke) 21.233
Bauerntabak (L. Becker) 20.650
Bauhiniae et Pauletiae (Bong.) 21.999
Baum- Strauchveg. Brandenburg (Bolle) 21.925
Baum- und Strauchvegetation Brandenburg (Bolle) 21.925
Baumgrenze in den niederösterreichischen Alpen (Beck) 20.593
Bayern's Flora (Besnard) 21.191
Bearbeitung der Anthyllis-Sektion Vulneraria (W. Becker) 20.665
Bearbeitung der von H. Burgeff und Th. Herzog gesammelten Pflanzen (Bornm.) 22.251
Bearbeitung der von J.A. Knapp im nordwestlichen Persien gesammelten Pflanzen (Bornm.) 22.223
Beautiful fl. Kashmir (Blatt.) 21.523
Beautiful flowers of Kashmir (Blatt.) 21.523
Beding. Farbbild. Fusarium (E.A. Bessey) 21.217
Begriff der Pflanzenart (Bernh.) 21.020
Begriff Pfl.-Art (Bernh.) 21.020
Beiträge Entwicklungsgeschichte Samen und Früchte (Bochmann) 21.659

Beiträge Erysiphe horridula (S. Blumer) 21.613
Beiträge Kenntnis des Digitalisblattes (Bohny) 21.856
Beiträge Kenntniss Chlorophylls (Boehm) 21.740
Beiträge Sedum (Bitter) 21.379
Beiträge vergleichenden Anatomie Pflanzen (Boosfeld) 22.087
Beiträge zu meinen Verzeichnissen der um Sarepta vorkommenden Pflanzen (A.K. Becker) 20.638
Beiträge zur Adventivflora des Niederrheins 1909-1912 (Bonte) 22.061
Beiträge zur Adventivflora des rheinisch-westfälischen Industriegebietes 1913-1927 (Bonte) 22.062
Beiträge zur Adventivflora des rheinisch-westfälischen Industriegebietes 1930-1934 (Bonte) 22.063
Beiträge zur Algenflora von Schweden (Borge) 22.145
Beiträge zur Anatomie der Anonaceen (H.R. Beyer) 21.251
Beiträge zur Anatomie und Physiologie von Lythrum Salicaria (H. Bodmer) 21.671
Beiträge zur Anatomie und Systematik der Simarubaceen (F. Boas) 21.647
Beiträge zur anatomischen Characteristik der Santalaceen (M. Behm) 20.757
Beiträge zur Biologie der Uredineen (R. Bock) 21.660
Beiträge zur Biologie von Diploceras hypericinum (S. Blumer) 21.619
Beiträge zur Entwicklungsgeschichte von Bryophyllum calycinum (H. Berge) 20.908
Beiträge zur Flora der Ebenen der Komitate Békés u. Bihar (Boros) 22.272
Beiträge zur Flora der Elbursgebirge (Bornm.) 22.210
Beiträge zur Flora der Thäler Grisanche und Rhêmes (Beyer) 21.252
Beiträge zur Flora des nordöstlichen Zempliner Comitates (O. Behrendsen) 20.758
Beiträge zur Flora des Rheintals (Bech.) 20.553
Beiträge zur Flora des Simplon-Südfusses (Bech.) 20.573
Beiträge zur Flora Mazedoniens (Bornm.) 22.249
Beiträge zur Flora von Eisenach (*see* 21.542)
Beiträge zur Flora von Mikronesien (*see* Beccari, O.)
Beiträge zur Flora von Papuasien (*see* Beccari, O.)
Beiträge zur Kenntnis der Entwicklungsgeschichte der Früchte von Citrus vulgaris (Biermann) 21.284
Beiträge zur Kenntnis der Flora des bulgarischen Küstenlandes (Bornm.) 22.185
Beiträge zur Kenntnis der Flora und Pflanzengeographie (*see* Beccari, O.)
Beiträge zur Kenntnis der Fungi imperfecti (Bobilioff) 21.651
Beiträge zur Kenntniss der Cyperaceen (Boeck.) 21.683
Beiträge zur Kenntniss der endotrophen mykorhizen (Bernátzky) 21.008
Beiträge zur Kenntniss der Samenentwicklung (F.H. Billings) 21.298
Beiträge zur Moosflora Ungarns (Boros) 22.277
Beiträge zur Morphologie der Meeresalgen (Berthold) 21.088
Beiträge zur Morphologie und Entstehungsgeschichte der Stärkekörner (Binz) 21.304
Beiträge zur Pflanzengeographie der Nordschweiz (Bech.) 20.558
Beiträge zur Pharmacognosie der Cerbera ovata (E. Bormann) 22.158
Beiträge zur systematischen Kenntnis der gelbblüthigen Dianthus-Arten (Borbás) 22.094
Beiträge zur vergleichenden Anatonie der Gentianaceen (Bötticher) 21.843
Beiträge zur Violenflora Asiens (W. Becker) 20.662
Beiträge zur Zytologie der Gattung Anemone (Böcher) 21.672
Beitrag Entwicklung des Embryosackes (O.G.J. Berg) 20.903
Beitrag Flora von Ost-Galizien (Blocki) 21.560
Beitrag zur Entwicklungsgeschichte und vergleichende Anatomie von Blüten- und Fruchtstielen (J.F. Besser) 21.196
Beitrag zur Flora des östlichen Albanien (Beck) 20.610
Beitrag zur Flora Ostfrieslands (*see* 21.280)
Beitrag zur Flora von Syrien und Palästina (Bornm.) 22.194
Beitrag zur Geschichte der Bestäubungstheorie (W.J. Behrens) 20.769
Beitrag zur Kenntnis der Begoniaceen (Benecke) 20.829
Beitrag zur Kenntnis der Gattung Asyneuma (Bornm.) 22.246
Beitrag zur Kenntnis der Gattung Cousinia (Bornm.) 22.228
Beitrag zur Moosflora des östlichen Tirols (Bornm.) 22.261
Beitrag zur Pilzflora von Mährisch-Weisskirchen (Beck) 20.608

Beitrag zur Veilchenflora Asiens (W. Becker) 20.660
Beitrag zur vergleichenden Anatomie der Coniferen-Blätter (C. Berthold II) 21.083
Beitrag zur vergleichenden Anatomie der Portulacaceen (C. Becker) 20.642
Beitr. Anat. Anonac. (H.R. Beyer) 21.251
Beitr. anat. Char. Santal (M. Behm) 20.757
Beitr. Anat. Physiol. Lythrum Salic. (H. Bodmer) 21.671
Beitr. Anat. Syst. Simarub. (F. Boas) 21.647
Beitr. Biol. Uredin. (R. Bock) 21.660
Beitr. Cyper. (Boeck.) 21.683
Beitr. Endotroph. Mykorhiz. (Bernátzky) 21.008
Beitr. Entw. Embryosack. (O.G.J. Berg) 20.903
Beitr. Entw.-Gesch. Anat. Blütenst. (J.F. Besser) 21.196
Beitr. Entw.-Gesch. Bryophyllum (H. Berge) 20.908
Beitr. Entw.-Gesch. Fr. Citrus vulg. (Biermann) 21.284
Beitr. Entw.-Gesch. Samen Früchte (Bochmann) 21.659
Beitr. Fl. Grisanche Rhêmes (Beyer) 21.252
Beitr. Fungi imperf. (Bobilioff) 21.651
Beitr. Gesch. Bestäub.-Theor. (W.J. Behrens) 20.769
Beitr. Kenntn. Digital.-Bl. (Bohny) 21.856
Beitr. Kenntn. Samenentw. (F.H. Billings) 21.298
Beitr. Morph. Stärkekörn. (Binz) 21.304
Beitr. Pfl.-Geogr. Nordschweiz (Bech.) 20.558
Beitr. Pfl.-Kunde Russ. Reiches (*see* 22.284)
Beitr. Pharmacogn. Cerbera ovata (E. Bormann) 22.158
Beitr. vergl. Anat. Conif.-Bl. (C. Berthold II) 21.083
Beitr. vergl. Anat. Gentian. (Bötticher) 21.843
Beitr. vergl. Anat. Pfl. (Boosfeld) 22.087
Beitr. vergl. Anat. Portulac. (C. Becker) 20.642
Belangr. houts. Ned.-Ind. (L.G. den Berger) 20.926
Belangrijke houtsoorten van Nederlandsch-Indië (L.G. den Berger) 20.926
Bemerkungen Nomenklatur Campanula pseudolanceolata (Beck) 20.602
Bemerkungen über Cerastium subtriflorum und C. sonticum (Beck) 20.616
Bemerkungen über die Verbascum-Arten des Banates (Borbás) 22.090
Bemerkungen über Potamogeton (A. Benn.) 20.852
Bemerkungen zu alpinen Cruciferen (Beyer) 21.257
Bemerkungen zu Fungi of Nanking (Boedijn) 21.708
Bengal Polyporaceae (Bose) 22.321
Beobacht. Cynipidengall. (Beij.) 20.777
Beobachtungen über die ersten Entwicklungsphasen einiger Cynipidengallen (Beij.) 20.777
Beobachtungen über Sphaerocarpus terrestris (Bisch.) 21.339
Beobachtungen Wurzelknospen und Nebenwurzeln (Beij.) 20.781
Beob. Wurzelkn. Nebenwurz. (Beij.) 20.781
Beretning exkursioner i Sydspanien (Børgesen) 21.764
Beretning om en i Sommeren 1863 foretagen botanisk Reise (*see* 21.622)
Berliner Schulfl. (Beyer) 21.256
Berliner Schulflora (Beyer) 21.256
Beschr. Bäume Sträucher Mecklenb. (H.F. Becker) 20.647
Beschreibung der Bäume und Sträucher in Mecklenburg (H.F. Becker) 20.647
Beschreibung einiger neuer Pilzarten aus dem Centraalbureau voor Schimmelcultures (J.F.H. Beyma) 21.258
Beschreibung und Cultur der Camellia (*see* 20.988)
Beschrijving van eenige Gewassen (Blume) 21.601
Besøg i Jamaica's Bregneskove (Børgesen) 21.802
Bezieh. Bl. Rinde Conif. (J. Behrens) 20.765
Beziehungen zwischen Blatt und Rinde der Coniferen (J. Behrens) 20.765
Bibliografia briologica italiana (see Bottini, A.)
Bibliographie der flora van Nederland (Boerl.) 21.825
Bidrag Algevegetationen ved Norges vestkyst (Boye) 22.482
Bidrag arktiske planters bladbygning (Børgesen) 21.762
Bidrag Kinnekulles Lafvegetation (Blomb.) 21.587
Bidrag Sibiriens Chlorophyllophycéer (Boldt) 21.908
Bidrag Skandinaviska lafvarnas utbredning (Blomb.) 21.588
Bidrag Sveriges adventivflora (C.H. Blom) 21.573
Bidrag til Bornholms Desmidié-Flora (Børgesen) 21.758
Bidrag til Cilioflagellaternes naturhistorie (Bergh) 20.940

Bidrag til kundskaben om Norges soparter (A. Blytt) 21.632
Bidrag til Kundskaben om Vegetationen paa Nowaja Semlja (A. Blytt) 21.626
Bidrag till Hälsinglandsflora (Birger) 21.316
Bidrag till kännedomen om lafvarnes utbredning (*see* 21.588)
Bidrag till örtartade dikotyledoners jämförande anatomi (Bergendal) 20.911
Bidrag till Pite Lappmarks flora (Birger) 21.323
Bidrag till Portobellos Flora (*see* 21.238)
Bidrag till Skandinaviens bryologi (Berggr.) 20.931
Bidrag till Skånes adventiv- och ruderatflora (C.H. Blom) 21.579
Bidrag till Sveriges Chlorophyllophyceer (Borge) 22.134
Bidr. Dikot.-anat. (Bergendal) 20.911
Bidr. Kundsk. Karpl. Norge (A. Blytt) 21.630
Bidr. kundsk. Norges soparter (A. Blytt) 21.632
Bidr. Skand. bryol. (Berggr.) 20.931
Bidr. Sver. Chlorophyllophyc. (Borge) 22.134
Bijdrage tot de algologische flora van Nederland (Bosch) 22.310
Bijdrage tot de geschiedenis der geneeskruidcultuur in Nederlandsch Oost-Indië (Boelman) 21.751
Bijdrage tot de kennis der houtanatomie (Boerl.) 21.820
Bijdrage tot de morphologie der plantengallen (Beij.) 20.776
Bijdragen flora van Midden-Sumatra (Boerl.) 21.821
Bijdragen tot de kennis der boomflora van Java (Boerl.) 21.832
Bijdr. fl. Midd. Sumatra (Boerl.) 21.821, *see* Boerlage, J.G.
Bijdr. gesch. geneeskr.-cult. (Boelman) 21.751
Bijdr. houtanat. (Boerl.) 21.820
Bijdr. morph. plantengall. (Beij.) 20.776
Binnental Fl. (Binz) 21.306
Binnental und seine Flora (Binz) 21.306
Biographical index of British and Irish botanists (*see* Boulger, G.S.)
Biol. distr. fl. Greenl. (Böcher) 21.675
Biologic specialization in Septoria (Beach) 20.459
Biological distributional types in the flora of Greenland (Böcher) 21.675
Biologie der Zwiebelgewächse (Berg) 20.897
Biologie Ustilago violacea (S. Blumer) 21.620
Biologisches Unkrautherbarium (*see* Boas, F.)
Biol. Zwiebelgew. (Berg) 20.897
Blue-eyed grasses (E.P. Bicknell) 21.268
Blütenstaubuntersuchungen (Bertsch) 21.150
Bois de la Guyane française (Benoist) 20.863
Bois de la Guyane française et Brésil (Benoist) 20.860
Bois Guyane franç. (Benoist) 20.863
Bois Guyane franç. Brésil (Benoist) 20.860
BOISSIERA (*see* Boissier, P.)
Bombay grass. (Blatt.) 21.525
Bombay grasses (Blatt.) 21.525
Bornmüller-Festschrift (*see* Bornmüller, J.)
Bot. Abh. Farrenkr. (*see* 21.016)
Botanical bibliography of the south-eastern counties (*see* Boulger, G.S.)
Botanical studies of the Atuel Valley Area (*see* Böcher, T.W.)
Botanik (Bisch.) 21.343
Botanik in ihrer Anwendung (*see* 21.892)
Botanisch-serologische onderzoekingen (Boom) 22.080
Botanisch-systematische Notizen (Börner) 21.841
Botanische Ergebnisse der Deutschen Hindukusch-Expedition, Compositae (Bornm.) 22.269
Botanische Ergebnisse der Deutschen Zentralasien-Expedition (Bossh.) 22.324
Botanische Rückblicke auf die Inseln Lanzarote und Fuertaventura (Bolle) 21.929
Botanische und Zoologische Ergebnisse Salomoninseln (*see* Beccari, O.)
Botanische Wanderungen durch die Sümpfe und Torfmoore der Niederrheinischen Ebene (G. Becker) 20.643
Botanischen Anstalten Wiens (Beck) 20.594
Botanischer Ausflug auf den Klek (Beck) 20.613
Botanischer Ausflug auf den Triglav (Beck) 20.598
Botanisches Wörterbuch (Borkh.) 22.156
Botanisches Wörterbuch (*see* Boros, Á.)
Botanisk Reise i Valders (A. Blytt) 21.622
Bot. Anstalt. Wiens (Beck) 20.594
Botany (J.M. Black) 21.397
Botany for high schools (Bessey) 21.199
Botany living plant (Bower) 22.470
Botany of S.A. White's Expedition into the North-west of South Australia (*see* 21.397)
Botany of the Apple Tree (Bessey) 21.202
Botany of the Faeröes (*see* 21.767, 21.771-21.773, 21.778-21.779, 21.786)
Botany of the grape (Bessey) 21.203
Botany of the plums and cherries (Bessey) 21.204
Bot. high schools (Bessey) 21.199

Bot. liv. pl. (Bower) 22.470
Bot. north. middle states (*see* 20.630)
Bot. Reise Valders (A. Blytt) 21.622
Botryococcus (K.B. Blackburn) 21.400
Botryococcus and the algal coals (K.B. Blackburn) 21.400
Bot. serol. onderz. (Boom) 22.080
Bourgeon femelle des Cordaïtes (C.E. Bertrand) 21.139
Brésil (Benoist) 20.860
Brief aan den Redacteur (*see* 21.825)
Briologia delle Isole italiane (Bott.) 22.334
British flowering plants (*see* Boulger, G.S.)
British plants (J.F. Bevis) 21.242
Brit. pl. (J.F. Bevis) 21.242
Brunnenholzried (Bertsch) 21.148
Bryogéographie de la Côte-d'Or (Bizot) 21.386
Bryogeography and Bryoflora Ungarns (*see* Boros, Á.)
Bryogéogr. Côte-d'Or (Bizot) 21.386
Bryologia javanica (*see* Bosch, R.B.v.)
Budapestnek környékének növényzete (Borbás) 22.095
Budap. körn. növen. (Borbás) 22.095
Bulbifère Pleuridium nitidum (Besch.) 21.160
Calamagrostis Lalesarensis (Bornm.) 22.190
Calostoma in the Netherlands Indies (Boedijn) 21.734
Caractères que l'anatomie peut fournir à la classification des végétaux (C.E. Bertrand) 21.129
Caractéristiques Cardiocarpus (C.E. Bertrand) 21.137
Caractéristiques des traces foliaires osmondéennes (C.E. Bertrand) 21.134
Caractéristiques Diplotesta (C.E. Bertrand) 21.136
Cardiopteris lobata (Becc.) 20.514
Carex Oederi (Bochkoltz) 21.657
Caricis species novae (Boott) 22.089
Carpopode des Composées (Beauverd) 20.483
Cartographie botanique Montpellier (Louis Blanc) 21.477
Caryocar nucif. (F. Blank) 21.491
Caryocar nuciferum (F. Blank) 21.491
Catahoula sandst. fl. (E.W. Berry) 21.050
Catahoula sandstone and its flora (E.W. Berry) 21.050
Catalog of the ferns and flowering plants of Oklahoma (Bogue) 21.847
Catalogo delle piante vascolari del Veneto (*see* 21.949)
Catalogue de l'Herbier de Syrie (C.I. Blanche) 21.480
Catalogue de la bibliothèque de feu M.J. Decaisne (*see* Bornet, É.)
Catalogue des algues inférieures de l'Anjou (Bioret) 21.312
Catalogue des mousses observées en Algérie (Besch.) 21.172
Catalogue des plantes Belgique (Bellynck) 20.825
Catalogue des plantes cellulaires et vasculaires de la Seine-inférieure (Blanche) 21.482
Catalogue des plantes Cherbourg (Besnou) 21.192
Catalogue des plantes de Beeldsnijder (Beeldsnijder) 20.690
Catalogue des plantes de Maine et Loire (Boreau) 22.126
Catalogue des plantes du Tournaisis (Bernimolin) 21.021
Catalogue des plantes et arbustes cultivés du jardin botanique de Cologne (*see* 20.965)
Catalogue des plantes Montfort-l'Amaury (Belèze) 20.804
Catalogue des plantes vasculaires de Vaud (Rod. Blanchet) 21.484
Catalogue des plantes vasculaires du Sud-Ouest de la France (Ch. Blanchet) 21.483
Catalogue des plantes vasculaires Vosges (E.-L. Berher) 20.955
Catalogue of British mosses (*see* 22.328)
Catalogue of the plants of the Fly River 1877 (*see* Beccari, O.)
Catalogue raisonné des plantes de l'Aube (Bourguignat) 22.426
Catalogue raisonné des plantes Jardin d'Avranches (Besnou) 21.193
Catalogue raisonné des plantes utiles de Maine-et-Loire (Bouvet) 22.434
Catalogus horti botanici coloniensis (Berkenkamp) 20.965
Catalogus plantarum horti botanici novariensis (*see* 21.333)
Catalogus plantarum horti botanici taurinensis (Biroli) 21.333
Catalogus systematicus bibliothecae Horti Petropolitani (*see* Berg, E.v.)
Catalogus van 's Lands Plantentuin (*see* Binnendijk, S.)
Catal. pl. Oklahoma (Bogue) 21.847
Catenella nipae (Børgesen) 21.816
Cat. hép. Suisse (*see* Bernet, H.)
Cat. herb. Syrie (C.I. Blanche) 21.480
Cat. hort. bot. Colon. (Berkenkamp) 20.965
Cat. mouss. Alg. (Besch.) 21.172

Cat. pl. Aube (Bourguignat) 22.426
Cat. pl. Beeldsnijder (Beeldsnijder) 20.690
Cat. pl. Belg. (Bellynck) 20.825
Cat. pl. bot. taur. (Biroli) 21.333
Cat. pl. Cherbourg (Besnou) 21.192
Cat. pl. Jard. Avranches (Besnou) 21.193
Cat. pl. Maine et Loire (Boreau) 22.126
Cat. pl. Montfort-l'Amaury (Belèze) 20.804
Cat. pl. Seine-inf. (Blanche) 21.482
Cat. pl. Tournais (Bernimolin) 21.021
Cat. pl. vasc. S.O. France (Ch. Blanchet) 21.483
Cat. pl. vasc. Vaud (Rod. Blanchet) 21.484
Causes err. empreint. vég. (C. Bommer) 21.957
Causes d'erreur dans l'étude des empreintes végétales (C. Bommer) 21.957
Cenni Romulea Rollii (Bég.) 20.725
Census of Indian Algae (Biswas) 21.351
Cent. bot. expl. Montana (Blank.) 21.494
Century of botanical exploration in Montana (Blank.) 21.494
Cerastium alpinum (Bég.) 20.734
Chaînes de divergeants fermés et d'apolaires des Filicinées (*see* 21.133)
Champ. comestibl. Suisse (Rod. Blanchet) 21.486
Champignons (Boud.) 22.345
Champignons comestibles de la Suisse (Rod. Blanchet) 21.486
Champignons des Alpes du Valais (Boud.) 22.357
Champignons du Tonkin (Berl.) 20.974
Champignons nouveaux de France (Boud.) 22.364
Champignons nouveaux rares France (Boud.) 22.351
Champignons observés à la Rochelle (G. Bernard) 21.002
Champignons supérieurs du Tarn (Bel) 20.801
Champ. Rochelle (G. Bernard) 21.002
Champ. sup. Tarn (Bel) 20.801
Charakteristik der Pflanzen-Genera (O. Berg) 20.900
Char. Pfl.-Gen. (O. Berg) 20.900
Chenopodiaceae Amaranthaceae (C.H. Blom) 21.574
Chenopodiaceae und Amaranthaceae aus China (C.H. Blom) 21.578
Chionanthus Ghaeri (Boerl.) 21.836
Chionopappus (S.F. Blake) 21.442
Chirita hamosa (C.E.V. Boldt) 21.906
Chlamydobotrys (Behlau) 20.756
Chlorophyceae Danish West Indies (Børgesen) 21.794
Chlorophyceer Norska Finmarken (Borge) 22.136
Chlorophyc. Norska Finmark. (Borge) 22.136
Christiania omegns phan. bregn. (A. Blytt) 21.624
Christiania omegns phanerogamer og bregner (A. Blytt) 21.624
Chromosomen und Pollen der Oenotheren (Boedijn) 21.697
Chromosomenstudien bei der Gattung Trifolium (Bleier) 21.532
Chroococcus planctonius (Bethge) 21.231
Cladochytrum violae (Berl.) 20.987
Classification des Palmiers d'Indo-Chine (Becc.) 20.538
Classification des Zygoptéridées (P.C.E. Bertrand) 21.142
Clastoderma (A. Blytt) 21.631
Clastoderma De Baryanum (A. Blytt) 21.631
Clathrella Treubii (C. Bernard) 20.998
Collectiones Straussianae novae (Bornm.) 22.222
Collections de l'expédition à la recherche de La Pérouse (Bonnet) 22.015
Collections mission saharienne Foureau-Lamy (Bonnet) 22.026
Combinationes novae (Bech.) 20.565
Comm. bot.-lit. pl. (Boehm.) 21.748
Commentarius de itinere neapolitano (Bertol.) 21.099
Commentarius de Mandragoris (Bertol.) 21.097
Commentatio botanico-literaria de plantis (Boehm.) 21.748
Commentatio de vi lucis ad creanda principia vegetabilium proxima (Boon Mesch) 22.084
Commentatio physico-botanica de plantarum semine (Boehm.) 21.746
Comments on Malva rotundifolia (H. Bergman) 20.948
Comm. itin. neapol. (Bertol.) 21.099
Comm. Mandrag. (Bertol.) 21.097
Comm. names Montana pl. (Blank.) 21.497
Commoda arb. cort. (Boehm.) 21.745
Commoda quae arbores a cortice accipiunt (Boehm.) 21.745
Common names of Montana plants (Blank.) 21.497
Comm. pl. semine (Boehm.) 21.746
Comm. vi lucis (Boon Mesch) 22.084
Comp. fl. forest. ital. (Borzi) 22.303
Comparative examination of the meristems of ferns (Bower) 22.448

Compendio della flora forestale italiana (Borzi) 22.303
Compositae (S.F. Blake) 21.407
Compositae brasilienses novae (*see* 22.001)
Compositarum species e flora Asiae-Mediae (Bornm.) 22.224
Condiciones generales de la vida orgánica (Bertoni) 21.123
Cond. gen. vida org. (Bertoni) 21.123
Conférences de paléobotanique (P.C.E. Bertrand) 21.146
Conf. paléobot. (P.C.E. Bertrand) 21.146
Congrès de Gênes (Bonnet) 22.017
Conifères de Chine (Beissn.) 20.800
Conifers in the Empire (Biswas) 21.353
Conjugation in the heterogamic genus Zygorhynchus (Blakeslee) 21.461
Conservation d'homonymes génériques dans les fougères (Bech.) 20.571
Considérations sur l'étude microscopique des champignons (Boud.) 22.346
Considérations sur la géographie botanique du Maroc (Bonnet) 22.028
Considérations sur la panachure et la coloration des feuilles (J. Bommer) 21.963
Conspectus algarum novarum aquae dulcis (Børgesen) 21.767
Conspectus plantarum oeconomicarum Istriae (*see* Biasoletto, B.)
Conspectus Polygalarum Europaearum (A.W. Benn.) 20.843
Constitution des lichens (Bonnier) 22.048
Context and basis dicta (*see* Bessey, C.E.)
Cont. hist. Hort. bot. (Bertol.) 21.098
Continuatio historiae Horti botanici (Bertol.) 21.098
Contr. anat. Ternstroem. (L. Beauvis.) 20.508
Contr. fl. Armenia (Bég.) 20.741
Contr. fl. Lago di Garda (Bég.) 20.751
Contribuciones preliminares de las plantas del Paraguay, Praemonitum (Bertoni) 21.120
Contribuciones preliminares de las plantas del Paraguay, Sobre fibras paraguayas (Bertoni) 21.121
Contribution à l'étude anatomique de la famille des Ternstroemiacées (L. Beauvis.) 20.508
Contribution à l'étude des Composées (Beauverd) 20.475
Contribution à l'étude du genre Mazus Lour. (Bonati) 21.980
Contribution à la flore bryologique du Tonkin (Besch.) 21.176
Contribution à la flore de l'île Jan Mayen (*see* Børgesen, B.F.C.)
Contribution apothécie Graphidées (Bioret) 21.308
Contribution littoral Saharien (H. Boissieu) 21.875
Contribution to the knowledge of the flora of Anguilla (Bold) 21.904
Contribution to the knowledge of the marine Alga vegetation on the coasts of the Danish West-Indian Islands (Børgesen) 21.768
Contribution végétation forestière Haute-Côte d'Ivoire (Bégué) 20.698
Contributions à l'étude du pyrenoïde (Boubier) 22.343
Contributions à la connaissance du genre Siphonocladus (Børgesen) 21.780
Contributions à la flore du Transvaal (Beauverd) 20.472
Contributions flora of Persian Baluchistan (Blatt.) 21.519
Contributions mesozoic flora Coastal Plain (E.W. Berry) 21.035
Contributions palaeobotany of Middle and South America (E.W. Berry) 21.078
Contributions to a South Indian marine algal flora (Børgesen) 21.813
Contributions to our knowledge of the Myxophyceae of India (Bhâradwâja) 21.261
Contributions to the African flora (Bolus) 21.939
Contributions to the fresh water algae of Manipur (Biswas) 21.350
Contributions to the palaeobotany of Peru, Bolivia and Chile (E.W. Berry) 21.060
Contributions towards a flora of Baluchistan (Blatt.) 21.520
Contributions towards the botany Illinois and Missouri (L.C. Beck) 20.630
Contributo alla briologia del cantone Ticino (Bott.) 22.330
Contributo alla conoscenza della Palma a olio (Becc.) 20.542
Contributo alla flora del Lago di Garda (Bég.) 20.751
Contributo alla flora dell' Alto Adige (Bolzon) 21.952
Contributo alla flora dell' Elba (Bolzon) 21.946
Contributo alla flora dell'Armenia (Bég.) 20.741
Contributo alla flora della Pianosa (Bolzon) 21.944
Contributo alla florula dell'Isola di Nisida (Bég.) 20.706

Contribuzione alla flora di Prinkipo (Bég.) 20.739
Contribuzione alla flora di Rodi (Bég.) 20.742
Contribuzione flora Procida (Bég.) 20.709
Contribuzioni alla biologia vegetale (*see* Borzi, A.)
Contribuzioni alla Flora veneta (*see* 21.387)
Contribuzioni allo studio dei funghi del Litorale (*see* Bolle, J.)
Contr. palaeobot. M. & S. Amer. (E.W. Berry) 21.078
Contr. prel. pl. Parag. (Bertoni) 21.121
Contr. prel. pl. Parag., Praemon. (Bertoni) 21.120
Contr. veg. for. Haute-Côte Iv. (Bégué) 20.698
Cordierites in the Netherlands Indies (Boedijn) 21.728
Coronopus and Taraxacum (Bech.) 20.563
Coup d'Oeil forêts canar. (Berthel.) 21.081
Coup d'Oeil sur les forêts canariennes (Berthel.) 21.081
Cours bot. (Bonnier) 22.058
Cours bot. méd. (Bodard) 21.668
Cours de botanique (Bonnier) 22.058
Cours de botanique médicale (Bodard) 21.668
Cremothecium cymbalariae (Borzi) 22.304
Cretac. fl. E. Gulf region (E.W. Berry) 21.055
Crocus hermoneus (Bornm.) 22.198
Crocus reticulatus (Bernátzky) 21.007
Crucifères du Japon (H. Boissieu) 21.880
Cryptogamae centrali-americanae, Musci (Besch.) 21.186
Cryptogames recueillies dans la Province de Namur (*see* Bellynck, A.A.A.)
Cryptogames vasculaires (Beauverie) 20.499
Crypt. vasc. (Beauverie) 20.499
Cultivated oranges and lemons (Bonavia) 21.986
Cult. Mûriers (Bonaf.) 21.967
Cult. orang. lemons (Bonavia) 21.986
Cult. Orchid. (N. Bernard) 21.003
Culture artificielle de la Truffe (*see* 22.380)
Culture des Orchidées (N. Bernard) 21.003
Culture et description Orchidées de serre froide (E. Bergman) 20.944
Cultures céréales (Boeuf) 21.844
Cultures expérimentales dans les Alpes (Bonnier) 22.054
Culturversuche Lichenengonidien (Beij.) 20.783
Cultuur van Cananga odorata (Bobilioff) 21.653
Cyanophycées marines des anciennes Antilles danoises (*see* 21.797)
Cycloconium oleaginum (Ge. Boyer) 22.483
Cyperac. (Berggr.) 20.937
Cyperaceae Brasilianae (Boeck.) 21.679
Cyphomandra dolichocarpa (Bitter) 21.377
Cytological studies in Ranunculus (Böcher) 21.676
Cytology spore formation in Ganoderma (Bose) 22.320
Cytology-Study of Basidia of Polyporaceae (Bose) 22.322
Cytol. stud. Ranunculus (Böcher) 21.676
D'Aïn-Sefra à Djenien-Bou-Reso (Bonnet) 22.011
Danish dwarf shrub communities (*see* 21.677)
Darstell. Beschr. off. Gew. (*see* Berg, O.C.)
Dasycladaceae of the Danish West Indies (Børgesen) 21.784
De fung. orig. (Blottner) 21.595
De fungorum origine (Blottner) 21.595
De la culture des Mûriers (Bonaf.) 21.967
De la marche à suivre dans l'étude des Rubus (Boulay) 22.390
De Meliloto Hungariae (Borbás) 22.110
De Methodo floram regionis cujusdam conducendi (Boué) 22.365
De nectaris florum (Boehm.) 21.743
De Parthenogenesi plantarum (A.J. Bergsma) 20.952
De plantis (Boehm.) 21.744
De plantis in cultorum memoriam nominatis (*see* Boehmer, G.R.)
De plantis venenatis agri duisburgensis (Böninger) 21.753
De Smilacearum structura (Th. Beinling) 20.797
Découverte du Clypeola (Bordère) 22.118
Decroiss. Forêts Maurice (Bouton) 22.428
Def. gen. pl. ed. 3 (*see* Boehmer, G.R.)
Delectus opusculorum (*see* Boehmer, G.R., *see* 20.894)
Della organogenia Gnetum gnemon (Becc.) 20.513
Della sostanza albuminoide (G. Bertol.) 21.114
Des matières colorantes des feuilles (J. Bommer) 21.962
Descriptio Gentianae carpaticae authentica (Borbás) 22.113
Description Crucifères des Alpes du Piémont (Boiss.) 21.873
Description d'un genre Verbénacées (Bocq.) 21.662
Description de deux nouvelles espèces de Ptychogaster (Boud.) 22.347
Description de deux nouvelles espèces du genre Lachnea (Boud.) 22.359

Description de trois lichens nouveaux (Bornet) 22.165
Description du genre Labourdonnaisia (Bojer) 21.897
Description du genre Thurya (Boiss.) 21.874
Description of Bradgate Park (*see* Bloxam, A.)
Description of the Cactaceae (*see* Bigelow, J.M.)
Descriptiones plantarum novarum (Bong.) 22.001
Descriptions de nouvelles espèces du genre Staurogyne (Benoist) 20.864
Descriptions d'espèces nouvelles de Vochysiacées (Benoist) 20.858
Descriptions of new Spermatophytes (*see* 21.409)
Descriptions of some new genera and species of tropical Leguminosae (Benth.) 20.879
Descrizione de' Zafferani italiani (Bertol.) 21.092
Descrizione di Pirenomiceti (Berl.) 20.983
Descrizione di tre nuove specie (Becc.) 20.510
Descrizione di una nuova malattia della canepa (G. Bertol.) 21.111
Descrizione di una nuova specie di Trachycarpus (Becc.) 20.536
Desmidiae (Børgesen) 21.760
Desmidieer från Grönland (Boldt) 21.910
Determinatie-tabel handelshoutsoorten (L.G. den Berger) 20.925
Deutsche Wald (Bertsch) 21.158
Deutschl. Fl. Abth. II, Crypt. (*see* Blandow, O.C.)
Deut. Wald (Bertsch) 21.158
Deuxième note sur l'herbier du R.P. Montrouzier (*see* 20.504)
Deuxième note sur les gonidies des lichens (*see* 22.169)
Development of Cymopolia barbata (Børgesen) 21.804
Devonian floras (E.W. Berry) 21.067
Di una crittogama (G. Bertol.) 21.116
Di una famiglia e di alcuni generi nuovi (Bég.) 20.699
Diagnoses plantarum novarum e Flora Anatoliae (Bornm.) 22.259
Dianthi Hungarici (Borbás) 22.104
Dianthus Laucheanus (Bolle) 21.928
Dianthus-Bastard (Bornm.) 22.243
Diatomeeënflora van de Drentsche beken (W. Beij.) 20.789
Diccionario botanico latino-guarani (Bertoni) 21.125
Dichroa febrifuga (Bouillat) 22.366
Dichroismus und Pleiochroismus als Rassencharacter (*see* Bitter, G.)
Dict. bot. lat.-guar. (Bertoni) 21.125
Dict. horticult. (Bois) 21.859
Dictionaire d'horticulture (Bois) 21.859
Dictionaire Wallon Hutois des noms des plantes (*see* Boxus, R.)
Dictionary of the fungi (*see* Bisby, G.R.)
Dictionnaire des Orchidées hybrides (Bohnhof) 21.855
Dict. Orch. hybr. (Bohnhof) 21.855
Dieffenbachia (E. Bergman) 20.945
Diökie von Citromyces luteus (Blochwitz) 21.557
Discomycètes operculés (Boud.) 22.360
Displacem. beach-lines (A. Blytt) 21.637
Disq. pl. nov. (Bertol.) 21.095
Disquisitio de quibusdam plantis novis (Bertol.) 21.095
Diss. Drac. arb. Clus. (Berens) 20.894
Dissertatio botanico-medica de Thea (Bergsma) 20.953
Dissertatio de Dracone arbore Clusii (Berens) 20.894
Dissertatio novis plantarum (Bertol.) 21.096
Dissertation sur les plantes Hypocarpogées (Bodard) 21.667
Diss. Hypocarpogées (Bodard) 21.667
Diss. nov. pl. (Bertol.) 21.096
Diss. Thea (Bergsma) 20.953
Distretti floristici dei territori circumadriatici (Bég.) 20.749
Distribution géographique des Primulacées (Louis Blanc) 21.474
Distribution marine algae Arctic Sea (Børgesen) 21.778
Distribution of fungi (Bisby) 21.336
Dizionario di botanica generale (Bilancioni) 21.295
Dizion. bot. gen. (Bilancioni) 21.295
Djaticult. Java (J.H. Becking) 20.680
Djaticultuur op Java (J.H. Becking) 20.680
Djebel Abderrhaman (Bonnet) 22.009
Document de Tournefort (Bonnet) 22.035
Documents l'histoire de la botanique française (Bonnet) 22.030
Docum. Sci. miss. sahar. (*see* Bonnet, E.)
Dothidea sordidula (Boedijn) 21.723
Drei neue Arten aus dem östlichen Anatolien (Bornm.) 22.195
Drei neue Arten aus dem östlichen Assyrien (Bornm.) 22.196
Drei neue Dionysien (Bornm.) 22.192

Dritter Beitrag zur Kenntnis der Gattung Dionysia (Bornm.) 22.208
Dukery and Sherwood Forest (*see* Bohler, J.)
Durch Schwärzepilze erzeugten Pflanzenkrankheiten (P.C. Bolle) 21.932
Durchsichtigen Punkte der Blätter (Blenk) 21.536
Durchsichtigen Punkte der Blätter (Bokorny) 21.900
Durchsicht. Punkt. Blätt. (Blenk) 21.536
Dutch N.W. New Guinea (*see* Beccari, O.)
Earliest known land flora (Bower) 22.471
Earl. land fl. (Bower) 22.471
Early eocene florule from Texas (E.W. Berry) 21.063
Early eoc. florule (E.W. Berry) 21.063
Echidnopsis (A. Berger) 20.913
Echte Mehltaupilze (*see* 21.617)
Ecol. invest. forest trees (R.H. Boerker) 21.819
Ecological and systematic account of the Caulerpas (Børgesen) 21.783
Ecological investigations growth of forest trees (R.H. Boerker) 21.819
Ecol. syst. acc. Caulerp. (Børgesen) 21.783
Ectocarpus (Bornet) 22.182
Een nieuwe Javaansche boomsoort (Boerl.) 21.837
Eerste bijdrage tot de kennis der Hymenophyllaceae (Bosch) 22.314
Egelsee bei Gornhofen (Bertsch) 21.152
Ehrenpreissarten des südlichen Deutschlands (Bernh.) 21.019
Ehrenpreissart. südl. Deutschl. (Bernh.) 21.019
Einige Bemerkungen über die Verbreitung von Alopecurus setarioides (Bornm.) 22.240
Einige Bemerkungen über heimische Farne (Beck) 20.624
Einige neue afrikanische Sukkulenten (A. Berger) 20.920
Einige neue Alectorolophus-Formen (Behrendsen) 20.761
Einige neue Cruciferen (Bornm.) 22.264
Einige neue Cyperaceen aus der Flora von Rio de Janeiro (Boeck.) 21.681
Einige neue Solanum-Arten (*see* Bitter, G.)
Elementary lessons in systematic botany (L. Bolus) 21.941
Elem. less. syst. bot. (L. Bolus) 21.941
Eleven new Asteraceae (S.F. Blake) 21.443
Embryol. Laurembergia (F. Bley) 21.538
Embryologie von Laurembergia javanica (F. Bley) 21.538
Emergenzen der Schimmelpilz-Konidien (Blochwitz) 21.558
Encycl. Britt. ed. 15 (*see* Bonner, C.E.B.)
Endoderma e periciclo Trifolium (Belli) 20.818
Endoderma peric. Trifolium (Belli) 20.818
Endogone and Sclerocystis (Boedijn) 21.724
Entsteh. adv. Wurz. Peperomia (E. Beinling) 20.796
Entsteh. Glarner. Alpenseen (S. Blumer) 21.612
Entstehung der adventiven Wurzeln von Peperomia (E. Beinling) 20.796
Entw.-Comb. Org. Wesen (Bluff) 21.598
Entw.-Gesch. Bryophyllum (H. Berge) 20.907
Entwicklung der Pflanzengeographie in Österreich (Beck) 20.603
Entwicklung des natürlichen Systems der Blütenpflanzen (A. Born) 22.161
Entwicklung und Systematik in Enteromorpha (Bliding) 21.541
Entwicklungs-Combinationen organischer Wesen (Bluff) 21.598
Entwicklungsgeschichte des Prothalliums von Scolopendrium (Beck) 20.575
Entwicklungsgeschichte von Bryophyllum calycinum (H. Berge) 20.907
Entw. nat. Syst. Bl.-Pfl. (A. Born) 22.161
Enumeracion plantas européas de Buenos Aires (C. Berg) 20.896
Enumerantur plantae Scandinaviae (*see* Blomberg, O.G.)
Enumeratio muscorum Ingriae (G.G. Borshch.) 22.288
Enumeratio plantarum vascularum circa Christianiam (Blytt) 21.645
Enumeratio plantarum, Zeelandiae belgicae indigenarum (Bosch) 22.309
Énumeration des Hépatiques Antilles françaises (Besch.) 21.183
Énumeration des Hépatiques dans les îles de la Société (Besch.) 21.189
Énumeration des plantes recueillies par Guiard (Bonnet) 22.006
Énumeration des rosiers de la flore Lyonnaise (Boullu) 22.403
Énumeration des végétaux producteurs de Caoutchouc (Boerl.) 21.839
Énumeration plantes Chudeau de la Mauritanie (Bonnet) 22.044
Énumeration plantes Chudeau de Tombouctou (Bonnet) 22.042
Énumeration plantes Sahara central (Bonnet) 22.043
Énumeration systématique des plantes recueillies par la mission saharienne (*see* Bonnet, E.)

Enumerazione critica dei muschi italiani (*see* Bottini, A.)
Enum. musc. Ingriae (*see* 22.284)
Enum. pl. vasc. Christian (Blytt) 21.645
Enzisholzried bei Schussenried (Bertsch) 21.151
Eocene fl. S.E. North Amer. (E.W. Berry) 21.064
Eocene fl. Trans-Pecos (E.W. Berry) 21.056
Eocene flora from Trans-Pecos, Texas (E.W. Berry) 21.056
Eocene floras of Southeastern North America (E.W. Berry) 21.064
Equisetinae and Lycopodineae, Abstract (Bower) 22.451
Equisitinae and Lycopodineae (Bower) 22.453
Erborizzaione Elba (Bolzon) 21.947
Ergebnisse einer Revision der Violae (W. Becker) 20.652
Ergebnisse nach Sultan-dagh in Phrygien unternommenen botanischen Reise (Bornm.) 22.221
Ergebnisse zweier botanischer Reisen (Bornm.) 22.207
Ericacées du Japon (H. Boissieu) 21.877
Erysiph. Mitteleurop. (S. Blumer) 21.617
Erysiphaceen Mitteleuropas (S. Blumer) 21.617
Erysiphe cichoracearum (S. Blumer) 21.614
Escurs. bot. stud. fitogeogr. Svizzera (*see* 21.234)
Escursioni botaniche sullo Schneeberg (*see* Biasoletto, B.[.)
Espèce et variétés nouvelles de Maïs (Blaringhem) 21.500
Espèces des genres Helicobasidium Septobasidium (Boedijn) 21.705
Espèces malgaches du genre Barleria (Benoist) 20.866
Espèces nouvelles de plantes à Madagascar (Bojer) 21.896
Esquisse historique travaux botanique (Bong.) 21.998
Essai cat. Mousses (*see* 22.435)
Essai d'un catalogue raisonné des Mousses et des Sphaignes du Maine-et-Loire (Bouvet) 22.431
Essai d'une bio-bibliographie botanique de la Corse (Bonnet) 22.025
Essai d'une monographie des Canellées (Bonnet) 22.004
Essai d'une monographie du genre Ananas (Bertoni) 21.124
Essai Eriocaulon (Bong.) 21.994
Essai monogr. Ananas (Bertoni) 21.124
Essai monogr. Canell. (Bonnet) 22.004
Essai monographique sur les espèces d'Ériocaulon du Brésil (*see* 22.001)
Essai Pin Landes (Boireau) 21.857
Essai sur le Pin des Landes (Boireau) 21.857
Essai zones végétation Massif Central (Beille) 20.790
Essay immigr. fl. (A. Blytt) 21.628
Essay on the migration flora (A. Blytt) 21.628
Essbare und giftige Pilze Mitteleuropas (Blücher) 21.597
Ess. college bot. (Bessey) 21.214
Essentials of botany, briefer course (*see* 21.214)
Essentials of college botany (Bessey) 21.214
Étud. distr. mouss. France (Boulay) 22.384
Étude anatomique Ternstroemiacées (L. Beauvis.) 20.507
Étude anat. Ternstroem. (L. Beauvis.) 20.507
Étude botanique sur le Danais fragrans (R. Bourdon) 22.424
Étude botanique Xanthoxylées (Bocq.) 21.665
Étude bot. Xanthox. (Bocq.) 21.665
Étude du stipe de l'Adelophyton jutieri (P.C.E. Bertrand) 21.140
Étude fl. alg. Açores (Bohlin) 21.854
Étude flore algologiqueAçores (Bohlin) 21.854
Étude floristique du Jorat (Bonner) 22.003
Étude flor. Jorat (Bonner) 22.003
Étude polymorph. champ. (Beauverie) 20.494
Étude sur deux manuscrits médico-botanique (Bonnet) 22.022
Étude sur le genre Eustichia (Besch.) 21.181
Étude sur le Warionia Saharae (Bonnet) 22.013
Étude sur les champignons inférieurs (Beauverie) 20.495
Étude sur quelques caractéristiques de la structure des Filicinées actuelles (C.E. Bertrand) 21.135
Études batologiques (Boulay) 22.392
Études botaniques (*see* Boissier, P.)
Études phycologiques (*see* Bornet, É.)
Études sur la distribution géographique des mousses en France (Boulay) 22.384
Études sur la fronde des Zygoptéridées (P.C.E. Bertrand) 21.143
Études sur la végétation de la Vallée de Chamonix (Bonnier) 22.052
Études sur le polymorphisme des champignons (Beauverie) 20.494
Étud. fronde Zygoptér. (P.C.E. Bertrand) 21.143
Étud. struct. Filic. act. (C.E. Bertrand) 21.135
Etymologisch-botanische Nachlese (*see* Böckel, G.)

Eucalyptus globulus (Bentley) 20.888
Euphrasia tavastiensis (W. Becker) 20.673
Euphrasiae novae (W. Becker) 20.672
Europäische Türkei (*see* Boué, A.)
Europ. Inula-Art. (Beck) 20.578
Évol. pl. (N. Bernard) 21.005
Évolution dans la symbiose (N. Bernard) 21.004
Évolution des plantes (N. Bernard) 21.005
Evolution in microscopic plants (Bessey) 21.206
Évolution récente de la végétation des Hautes-Fagnes (Bouillenne) 22.370
Exc. Madeira (*see* Bowdich, S.)
Excursion mycologique dans le Frioul (Berl.) 20.978
Excursiune fitosociologice Corsica (Borza) 22.293
Excursiune prin Corsica (Borza) 22.294
Exkursionsflora des Herzogtums Braunschweig (*see* 21.126)
Exotic fungi Schweinitzian herbarium (Berk.) 20.962
Explorations botaniques en Tunisie (Bonnet) 22.020
Extr. fl. Abbeville (*see* Boucher de Crèvecoeur, J.A.G.)
Facts serving to shew the comparative forwardness of the spring (Bigelow) 21.291
Faerøernes Algevegetation (Børgesen) 21.776
False branching Scytonemataceae (Bhâradwâja) 21.262
Famiglia della "Elatinacee" (Bég.) 20.701
Familiar trees (Boulger) 22.398
Famille des de Jussieu (Bonnet) 22.038
Fam. trees (Boulger) 22.398
Farne Moose Ungar. Tiefl. (Bernátzky) 21.010
Farne und Moose im Ungarischen Tieflande (Bernátzky) 21.010
Fauchea et Zosterocarpus (Bornet) 22.179
Fegatella con. (Bolleter) 21.933
Fegatella conica (Bolleter) 21.933
Feier 50-j. Best. Ver. Gartenb. (Bolle) 21.922
Ferns (*see* Bower, F.O.)
Ferns (Birkenhead) 21.330
Ferns and Fern culture (Birkenhead) 21.330
Ferns Bombay (Blatt) 21.521
Ferns N. Carol. (H.L. Blomq.) 21.589
Ferns of Bombay (Blatt.) 21.521
Ferns of North Carolina (H.L. Blomq.) 21.589
Ferskvandsalger fra Østgrønland (Børgesen) 21.761
Filicales et Lycopodiales de la Nouvelle Calédonie (Bonap.) 21.973
Filices novae (J. Bommer) 21.966
Fl. Alpes (Bouvier) 22.443
Fl. Alps (A.W. Benn.) 20.849
Fl. anal.-onderz. fl. Djatiplantsoenen (Beumée) 21.236
Fl. Assam (*see* Bor, N.L.)
Fl. Assyr. monum. (Bonavia) 21.988
Fl. Bari (Bisceglie) 21.338
Fl. bot. dames (Boitard) 21.891
Fl. Braunschweig (Bertram) 21.126
Fl. Bremen (*see* Bitter, G.)
Fl. Brit. India (*see* Beccari, O.)
Fl. Brockens (Bley (Brocken)) 21.539
Fl. Champ. Saône-et-Loire (Bigeard) 21.288
Fl. champ. sup. France (Bigeard) 21.290
Fl. Cheyenne Sandstone (E.W. Berry) 21.058
Fl. class. (Billerbeck) 21.296
Fl. comit. Temesiensis (Borbás) 22.100
Fl. deut. Volk (Börner) 21.840
Fl. Eisenach (Bliedner) 21.542
Fl. Elsass-Loth. (Bossler) 22.326
Fl. forest. ital. (Borzi) 22.297
Fl. France (*see* Boulay, N.)
Fl. Frontier form. (E.W. Berry) 21.070
Fl. gén. Indo-Chine (*see* Beille, L.)
Fl. gén. Indo-Chine (*see* Boissieu, H.de)
Fl. gén. Indo-Chine (*see* Bonati, G.H.)
Fl. Hernstein (Beck) 20.580
Fl. Indus Delta (Blatt.) 21.524
Fl. Javae nov. ser. (*see* Blume, C.L.)
Fl. Jura (Bernard) 21.006
Fl. Latah Format. (E.W. Berry) 21.069
Fl. legnosa Sottoceneri (Bettelini) 21.234
Fl. Liban (Boul.) 22.404
Fl. males. (*see* Bloembergen, S.)
Fl. Manche (Besnou) 21.194
Fl. méd. Wallon. (Boxus) 22.481
Fl. meertje Rockanje (Blaauw) 21.393
Fl. Mulhus. (J. Bornem.) 22.163
Fl. N. Dakota (H. Bergman) 20.950
Fl. nannet. prodr. (Bonamy) 21.969
Flora Bassumensis (Beckm.) 20.682
Flora biologica della Venezia (*see* Bizzozero, G.)
Flora boreali-americana (*see* Boott, F.)
Flora Cheyenne Sandstone (E.W. Berry) 21.058
Flora classica (Billerbeck) 21.296
Flora comitatus Temesiensis (Borbás) 22.100
Flora del territorio di Carrara (Bolzon) 21.948
Flora della mura di Padova (Bég.) 20.740
Flora della provincia di Bari (Bisceglie) 21.338
Flora della Provincia di Parma (Bolzon) 21.951
Flora delle Paludi Pontine (Bég.) 20.754
Flora delle terme di Valdieri (*see* Boggiani, O.)

Flora der Cultuurgewassen (*see* 22.081)
Flora der Gefässpflanzen in Elsass-Lothringen (Bossler) 22.326
Flora der ostfriesischen Halbinsel (Bielef.) 21.280
Flora der Samoa-Inseln (*see* Böckeler, O.)
Flora der Violaceen (*see* 20.654)
Flora des Brockens (Bley (Brocken)) 21.539
Flora des Naturschutzreservates Rheinhalde (Bech.) 20.556
Flora des Steppengebietes am oberen Euphrat (Bornm.) 22.247
Flora des Stewart-Atolls im stillen Ocean (Beck) 20.586
Flora e vegetaziòne (*see* Béguinot, A.)
Flora forestale italiana (Borzi) 22.297
Flora für das deutsche Volk (Börner) 21.840
Flora Galliae et Germaniae exsiccata (*see* Billot, P.C.)
Flora insularum Purpurariarum (Bolle) 21.927
Flora Iranica (*see* Bor, N.L.)
Flora Italica exsiccata (*see* Béguinot, A.)
Flora legnosa del Sottoceneri (Bettelini) 21.234
Flora luccaviensis (*see* Bohnstedt, A.R.)
Flora Mulhusana (J. Bornem.) 22.163
Flora nella Libia (Bég.) 20.745
Flora of Assam (*see* Bor, N.L.)
Flora of Greenland (*see* Böcher, T.W.)
Flora of Iraq (*see* Bor, N.L.)
Flora of Mohawk Hill (Bendrat) 20.827
Flora of North Dakota (H. Bergman) 20.950
Flora of Oakland County, Michigan (*see* Bingham, M.T.)
Flora of Roche Abbey (*see* Bohler, J.)
Flora of Sherwood Forest (*see* Bohler, J.)
Flora of South Australia (*see* Black, J.M.)
Flora of the Alps (A.W. Benn.) 20.849
Flora of the Assyrian monuments (Bonavia) 21.988
Flora of the Denver and associated formations of Colorado (*see* Berry, E.W.)
Flora of the Frontier formation (E.W. Berry) 21.070
Flora of the Indus Delta (Blatt.) 21.524
Flora of the Latah Formation (E.W. Berry) 21.069
Flora of the Matamek River District (P.W. Bowman) 22.479
Flora of the Raritan Formation (E.W. Berry) 21.039
Flora of the Ripley Formation (E.W. Berry) 21.065
Flora of the Salt Lakes, Calcutta (Biswas) 21.348
Flora of Waterbury (Blewitt) 21.537
Flora stânei de vale (Borza) 22.292
Flora und Vegetation der finnischen fjelde (V. Borg) 22.133
Flora URSS (*see* Bobrov, E.G.)
Flora Vallesiacae supplementum (*see* Becherer, A.)
Flora van Marken (Boerl.) 21.823
Flora Verbona-Lepontica (*see* Boggiani, O.)
Flora von Braunschweig (Bertram) 21.126
Flora von Eisenach (Bliedner) 21.542
Flora von Hernstein (Beck) 20.580
Flora von Kaiser Wilhelms Land (*see* Beccari, O.)
Flora von Meklenburg-Strelitz (Boll) 21.913
Flora von Oldenburg, mss. (*see* 21.678)
Flora von Württemberg und Hohenzollern (Bertsch) 21.157
Flora Whitney Bay (Billington) 21.301
Flora Woodline Sand (E.W. Berry) 21.057
Florae nannetensis prodromus (Bonamy) 21.969
Florae Transcaucasiae novitates (Bornm.) 22.233
Floral anatomy Urticales (Bechtel) 20.574
Floran i trakten av Äpartjåkkos magnesit-fält (G. Björkman) 21.390
Flore bryologique de la Côte d'Or (Bizot) 21.382
Flore bryologique de Tunisie (Bizot) 21.383
Flore d'Abbeville (*see* Boucher de Crèvecoeur, J.A.G.)
Flore de l'Ain (Bouveyron) 22.439
Flore de l'église Saint-Andoche (Bonnet) 22.041
Flore de la botanique des dames (Boitard) 21.891
Flore de la Manche (Besnou) 21.194
Flore de la Normandie (*see* Blanche, E.)
Flore de la Suisse (*see* Becherer, A., Binz, A.)
Flore des Alpes (Bouvier) 22.443, *see* Bouvier, L.
Flore des champignons supérieurs de France (Bigeard) 21.290
Flore des Champignons supérieurs Saône-et-Loire (Bigeard) 21.288
Flore des muscinées de la Cote-d'Or (Bizot) 21.385
Flore des Pyrénées (Bonnier) 22.055
Flore des Vosges (E.-L. Berher) 20.956
Flore dévonienne (*see* Bernard, C.)
Flore du Bassin du Rhône (Beauverd) 20.481
Flore du Jura (Bernard) 21.006
Flore du Liban et Syrie (Boul.) 22.404

Flore du Sénégal (*see* Berhaut, J.)
Flore fossile des grès éocènes de Noir montiers (Bonnet) 22.029
Flore illustrée du Sénégal (*see* Berhaut, J.)
Flore médicale Wallonne (Boxus) 22.481
Flore pliocène du Mont-Dore (Boulay) 22.389
Flore vernale de la Tarentaise (Beauverd) 20.484
Florida strangl. figs (E.A. Bessey) 21.218
Florida strangling figs (E.A. Bessey) 21.218
Florideenordnung Rhodymeniales (Bliding) 21.540
Floridées des côtes de France (Bornet) 22.166
Floristisch-analytische onderzoekingen van de korte flora in Djatiplantsoenen op Java (Beumée) 21.236
Floristische Beiträge zur Gattung Alectorolophus (Behrendsen) 20.760
Floristische Notizen aus Gröden in Südtirol (Bornm.) 22.220
Floristisches aus Galizien (Blocki) 21.561
Florula des Rubus de l'Anjou (Bouvet) 22.438
Florula gorgonea (*see* Bolle, C.A.)
Florula insulae Thasos (*see* 22.187)
Florula lancastriensis (*see* Bigelow, J.M.)
Florula Lydiae (Bornm.) 22.219
Florula mortol. (A. Berger) 20.915
Florula mortolensis (A. Berger) 20.915
Florule bryologique de l'Ile de Nossi Bé (Besch.) 21.170
Florule bryologique de la Nouvelle-Calédonie (Besch.) 21.164
Florule bryologique de la Réunion (Besch.) 21.169
Florule bryologique de Mayotte (Besch.) 21.173
Florule bryologique de Tahiti (Besch.) 21.187
Florule bryologique des Antilles françaises (Besch.) 21.166
Florule bryologique des environs d'Hyéres (Var) (*see* 21.161)
Florule de Dar-el-Beida (Bonnet) 22.012
Florule des Iles Saint-Pierre et Miquelon (Bonnet) 22.008
Flowering and fruiting of Pectinella antarctica (J.M. Black) 21.396
Flowering plants of the Fox Research Forest (Beetle) 20.694
Flowering plants Warren Woods (Billington) 21.300
Flowers and flowering plants (*see* Bessey, C.E.)
Flowers of the South (*see* Blomquist, H.L.)
Fl. Parma (Bolzon) 21.951
Fl. pl. Fox Res. Forest (Beetle) 20.694
Fl. plioc. Mont-Dore (Boulay) 22.389
Fl. Raritan Form. (E.W. Berry) 21.039
Fl. Ripley Form (E.W. Berry) 21.065
Fl. Schweiz (*see* 21.305)
Fl. Waterbury (Blewitt) 21.537
Fl. Westfalen (*see* Beckhaus, K.)
Fl. Woodline Sand (E.W. Berry) 21.057
Fl. Württ. Hohenz. (Bertsch) 21.157
For Faerøerne ny Laminaria (Børgesen) 21.763
For. Borneo (Becc.) 20.521
Forest trees of Travancore (Bourd.) 22.423
Forêt de Carnelle (Boud.) 22.348
Forlitzer Becken (Bielef.) 21.282
Forschungsreise Gazelle (*see* Bornet, É.)
Fors. oecon. Plantel. (*see* Blytt, M.N.)
Fortschritte der Lichenologie (Bentzel-Sternau) 20.889
Fortschr. Lichenol. (Bentzel-Sternau) 20.889
Fossil flower from Eocene (E.W. Berry) 21.040
Fossil plants from the late Tertiary of Oklahoma (E.W. Berry) 21.053
Fossil plants from Vero (E.W. Berry) 21.052
Fougères Alluaud dans l'Afrique orientale (Bonap.) 21.970
Fougères d'Afrique (Bonap.) 21.972
Fougères de l'Herbier du Muséum (Bonap.) 21.975
Fougères du Congo Belge (Bonap.) 21.971
Four new species of Eucalyptus (Blakely) 21.453
Fragmenta florae Philippinae (*see* Beccari, O.)
Fresh water algae (Biswas) 21.349
Freshwater algae from the "Danmark-Expedition" (Børgesen) 21.793
Freshwater algae of Hampshire and Devonshire (A.W. Benn.) 20.848
Freshwater Algae of North Cornwall (A.W. Benn.) 20.847
Freshwater Algae of the Faeröes (Børgesen) 21.771
Fresh-water Algae of the English Lake District (A.W. Benn.) 20.846
Freshwater alg. Danm.-Exp. (Børgesen) 21.793
Freshwater alg. Faeröes (Børgesen) 21.771
Fritillaria persica (Bég.) 20.702
Fronde des Zygoptéridées (P.C.E. Bertrand) 21.144
Frucht und Same (Beck) 20.621
Fructification pileate and clavate tribes of

hymenomycetous fungi (Berk.) 20.957
Frühdiluviale Flora im Stuttgarter Tal (Bertsch) 21.149
Fruticetum vilmorinianum (*see* Bois, D.)
Fucus spiralis (Børgesen) 21.790
Funaria hungarica (Boros) 22.278
Funaria hungarica, nov. spec. (Boros) 22.276
Function und Genesis Zellen des Holzes (Boehm) 21.742
Funghi anconitani (Berl.) 20.973
Fungi exsiccati praecipue Gallici (*see* Bourdot, H.)
Fungi from the Galapagos (Bonar) 21.977
Fungi in Rumphius's herbarium Amboinense (*see* Boedijn, K.B.)
Fungi ingr. (I.G. Borshch.) 22.284
Fungi ingrici (I.G. Borshch.) 22.284
Fungi javanici (Blume) 21.604
Fungi lusitanici (*see* Berlese, A.N.)
Fungi Manit. Sask. (Bisby) 21.337
Fungi of India (*see* Bisby, G.R.)
Fungi of Manitoba and Saskatchewan (Bisby) 21.337
Fung. Manitoba (*see* 21.337)
Fungo parassito (G. Bertol.) 21.115
Futterschuppen der Blüten von Vanilla planifolia (Beck) 20.620
Fytogeogr. fytopal. grunde (A. Blytt) 21.640
Galium margaritaceum (Bég.) 20.712
Galium polonicum (Blocki) 21.559
Gardening and tree-planting in the Faeröes (Børgesen) 21.786
Gatherings of a naturalist in Australasia (G. Benn.) 20.857
Gath. natural. Australasia (G. Benn.) 20.857
Gattung Aspergillus (Blochwitz) 21.550
Gattung Glaziella (Boedijn) 21.701
Gattung Trigonia (Boedijn) 21.712
Gechichte des deutschen Waldes (Bertsch) 21.159
Gefäßcryptogamen der Rheinlande (G. Becker) 20.644
Gefäss-Cryptogamen Westfalens (*see* 21.082)
Gefäss-Crypt. Westf. (C. Berthold I) 21.082
Gen. fl. germ. (*see* Bischoff, G.W.)
Genera duo e Melastomacearum (Bong.) 22.000
Genera Montrouzieriana (Beauvis.) 20.506
Genera plantarum [Trin.] (*see* Bongard, A.G.H.)
General comparisons, and conclusions (Bower) 22.463
General comparisons, and conclusions, Abstract (Bower) 22.462
Genere e specie nuove di Roma (Bég.) 20.704
Genere Gagea (Bég.) 20.700
Genere Scolopendrium (Bég.) 20.703
Generis Cousiniae species in Caucaso (Bornm.) 22.232
Generis Lacis revisio (Bong.) 21.996
Genetik und Cytologie Getreidebastarde (Bleier) 21.534
Gentianeen Mährens (Blodig) 21.565
Gentian. Mährens (Blodig) 21.565
Genus Alangium (Bloemb.) 21.566
Genus Antrophyum (Benedict) 20.833
Genus Ceratopteris (Benedict) 20.834
Genus Chitoniella (Boedijn) 21.717
Genus Dendrosphaera in the Netherlands Indies (Boedijn) 21.720
Genus Homalium in America (S.F. Blake) 21.414
Genus Melica in California (Bol.) 21.902
Genus Podostroma (Boedijn) 21.716
Genus Sarawakus (Boedijn) 21.714
Genus Sarcosoma (Boedijn) 21.709
Genus Sirobasidium (Boedijn) 21.715
Genus Viola in Kamtschatka (W. Becker) 20.676
Geobotanische studie van de Berger duinen (Bijh.) 21.294
Geobot. stud. Berger duinen (Bijh.) 21.294
Geografische Verbreitung von Calluna vulgaris (W. Beij.) 20.787
Geografiska Utbredningen af Skandinaviska halföns fanerogamer och ormbunkar (Berlin) 20.990
Geographia atque enumeratio plantarum comitatus Castiferrei (Borbás) 22.103
Géographie botanique (Bouillenne) 22.374
Geographische Verteilung und Einwanderungsgeschichte der nordskandinavischen Flora (*see* Birger, S.B.G.)
Geogr. enum. pl. comit. Castiferrei (Borbás) 22.103
Geogr. Guide fl. world (*see* Blake, S.F.)
Geogr. utbred. Skand. fan. (Berlin) 20.990
Geogr. Verbr. Conif. (Th. Beinling) 20.798
Geological history of Gymnosperms (E.W. Berry) 21.045
Germ. ascospore truffe (Boulanger) 22.378
Germination de l'Ascospore de la Truffe (Boulanger) 22.378
Germination de la spore echinulée de la truffe (*see* 22.380)
Germination des lichens (Bonnier) 22.053
Gesch. deut. Wald (Bertsch) 21.159
Geschichte Nordeuropäischen Flora (A. Blytt) 21.641

Geschiedenis van de Antillenflora (Bold) 21.905
Geschlechtliche Fortpflanzung der Phaeosporeen (Berthold) 21.087
Geschlechtliche Fortpflanzung von Dasycladus clavaeformis (Berthold) 21.085
Gesch. Nordeurop. Fl. (A. Blytt) 21.641
Geslacht Achyranthes (Boerl.) 21.826
Geum-Arten der Balkanländer (Beck) 20.596
Gewächsr. (Beilschm.) 20.794
Giacomo Petiver plantae exsiccatae (Bég.) 20.707
Giftpflanzenbuch (F. Berge) 20.906
Giftpfl.-Buch (F. Berge) 20.906
Gigas und Deuterogigasformen der Oenotheren (Boedijn) 21.688
Gisselåsmyren (Booberg) 22.066
Glecoma hed. (C.B. Bender) 20.826
Glecoma hederacea (C.B. Bender) 20.826
Globe in Datura (Blakeslee) 21.465
Goethe et la science de la nature (Boulay) 22.381
Goethe et sci. nat. (Boulay) 22.381
Goethe u. d. Urpflanze (Bliedner) 21.544
Goethe und die Urpflanze (Bliedner) 21.544
Graines & des plantes pays chauds (Bois) 21.864
Gram. Vera (Berro) 21.028
Gramineas de Vera (Berro) 21.028
Graphidées corticoles (Bioret) 21.309
Grasses and forage plants (Bessey) 21.200
Grasses and forage plants of Central Texas (H.L. Bentley) 20.886
Grasses and grasslands of South Africa (Bews) 21.246
Grasses Grasslands S. Afr. (Bews) 21.246
Grasses of Burma, Ceylon, India and Pakistan (*see* Bor, N.L.)
Grasses of North America (Beal) 20.461
Grasses of North Carolina (*see* Blomquist, H.L.)
Grasses of Petrie district (S.T. Blake) 21.448
Grass. forage pl. (Bessey) 21.200
Grass. forage pl. C. Texas (H.L. Bentley) 20.886
Grass. N. Amer. (Beal) 20.461
Grimmia spitsbergensis (Bizot) 21.384
Grønlands flora (*see* Böcher, T.W.)
Grondvormen Java's vegetatie (Booberg) 22.067
Growth-forms of Natal plants (Bews) 21.243
Grunddragen af Desmidieernas utbredning i Norden (Boldt) 21.909
Grundriss der medicinischen Botanik (Bisch.) 21.341
Grundr. med. Bot. (Bisch.) 21.341
Grundz. Fl. Südafr. (Bolus) 21.935
Grundzüge der Flora der Drauebene (Boros) 22.275
Grundzüge der Flora von Südafrika (Bolus) 21.935
Guide Jard. bot. Lyon (Beauvis.) 20.502
Guide Jardin botanique de Lyon (Beauvis.) 20.502
Gutta-Percha (Beauvis.) 20.500
Gymnospermes (Beauverie) 20.498
Haandb. Norg. fl. (A. Blytt) 21.643
Haandbog i Norges flora (A. Blytt) 21.643
Haematococcusart (Blochm.) 21.548
Haide u. Wald (Borggreve) 22.153
Haide und Wald (Borggreve) 22.153
Halophytenvegetation des Sodabodens im Ungarischen Tieflande (Bernátzky) 21.012
Handb. Crocus (Bowles) 22.477
Handb. Narcissus (Bowles) 22.478
Handb. Naturgesch. (Blumenbach) 21.609
Hand-Boek der natuurlijke historie (*see* 21.609)
Hand-book of common water and marsh plants of India (Biswas) 21.357
Handbook of Crocus and Colchicum (Bowles) 22.477
Handbook of Narcissus (Bowles) 22.478
Hand-book to the flora of Ceylon (*see* Boulger, G.S.)
Handb. Pfl.-Krankh. (*see* Börner, C.J.B.)
Handb. pharm. Bot. (O. Berg) 20.901
Handb. water marsh pl. India (Biswas) 21.357
Handbuch der Botanik (*see* 21.017)
Handbuch der Naturgeschichte (Blumenbach) 21.609
Handbuch der pharmaceutischen Botanik (O. Berg) 20.901
Hardy ferns (Bellairs) 20.808
Härjedalens Kärlväxter (*see* 21.321)
Hauchia (Borzi) 22.298
Havelplankton im Sommer 1911 (Bethge) 21.227
Heaths of the Faroes (*see* 21.677)
Helicobasidium purpureum (Ge. Boyer) 22.485
Helicogloea in the Netherlands Indies (Boedijn) 21.730
Hemibaccharis (*see* 21.426)
Hepaticae javanicae (*see* Blume, C.L.)
Hepaticae novae americanae-australes (Besch.) 21.174
Hépatiques nouvelles des colonies françaises (Besch.) 21.179
Herb. mus. fenn., Musci (Bom.) 21.953
Herbarien der botanischen Anstalt Basel (Binz) 21.307

Herbarium musei fennici (Bom.) 21.953
Herbarium Violarum Europae (*see* Becker, W.)
Herbier de Lamarck (Bonnet) 22.027
Herbor. hiver (Beauvis.) 20.503
Herborisation d'enseignement en hiver (Beauvis.) 20.503
Herborisation de la Société botanique de Genève en Maurienne (Beauverd) 20.480
Hernstein in Niederösterreich (*see* Beck, G.)
Heterobasidieae nondum descriptae (Bourd.) 22.425
Hieracien des Riesengebirges (E. Benner) 20.838
Hieracium di Allioni (Belli) 20.821
Hieracium di Sardegna (Belli) 20.819
Hieracium sabaudum (Belli) 20.814
Hierac. Riesengebirges (E. Benner) 20.838
Hierac. Sardinia (Belli) 20.819
Hilfsb. mikrosk. Unters. (W.J. Behrens) 20.773
Hilfsb. Pfl.-Samml. (Beck) 20.604
Hilfsbuch für Pflanzensammler (Beck) 20.604
Hilfsbuch mikroskopischer Untersuchungen (W.J. Behrens) 20.773
Hist. nat. Iles Canaries (*see* Berthelot, S.)
Hist. nat. Maïs (Bonaf.) 21.968
Hist. nat. Renonc. (Biria) 21.329
Histoire de la botanique Savoyarde (Bouvier) 22.441
Histoire naturelle du Maïs (Bonaf.) 21.968
Histoire naturelle et medicale des Renoncules (Biria) 21.329
History and antiquities of Charnwood Forest (*see* Bloxam, A.)
History of Ceylon Botany (*see* Boulger, G.S.)
History of Essex botany (*see* Boulger, G.S.)
History of the Sea Cocoa-Nut (Blatt.) 21.514
Hjälmaröarnas veg. (Birger) 21.315
Hjälmaröarnas vegetation (Birger) 21.315
Hochgebirgspflanzen in den tiefen Lagen (Beck) 20.609
Högbuskform. ekol. (Blomq.) 21.593
Högbuskformationens ekologi (Blomq.) 21.593
Holstein. Fl. (Borchmann) 22.117
Holsteinische Flora (Borchmann) 22.117
Horti bonon. pl. nov. (Bertol.) 21.100
Horti botanici Bononiensis (*see* 21.098)
Horti botanici bononiensis plantae novae (Bertol.) 21.100
Hort. mortol. (A. Berger) 20.921
Hortus mortolensis (A. Berger) 20.921
Houtsoort. Cultuurgeb. Java (L.G. den Berger) 20.927
Houtsoorten der Cultuurgebieden van Java (L.G. den Berger) 20.927
Hybridbild. (C.A. Blomb.) 21.586
Hybridbildning (C.A. Blomb.) 21.586
Hybrides sexuels et mosaïques (Blaringhem) 21.510
Hybr. sex. mosaïq. (Blaringhem) 21.510
Hymenophyllaceae (Bosch) 22.311
Hymenophyllaceas novas (Bosch) 22.313
Iagt. Norges Torvmyre (A. Blytt) 21.633
Iagttagelser over det sydøstlige Norges Torvmyre (A. Blytt) 21.633
Iakttagelser öfver könsfördelningen hos lönnen (Boldt) 21.911
Iakttagelser öfver Mossornas könlösa fortplantning (Berggr.) 20.930
Iakttag. Moss. könlösa fortpl. (Berggr.) 20.930
Icacinaceae (Birnie) 21.331
Icones bogorienses (*see* Boerlage, J.G.)
Iconographie du genre Camellia (L. Berl.) 20.989
Iconogr. Camellia (L. Berl.) 20.989
Idee flora micologia del Gelso (Berl.) 20.972
Identificatie van meeldauw (Bobilioff) 21.655
Ilixi-suergiu (Borzi) 22.299
Ill. Fl. ed. 4 (*see* Beyer, R.)
Ill. Fl. Mitt. Eur. (*see* Beger, H.K.E., Bergdolt, E.)
Illustrazione della Discina venosa (Berl.) 20.977
Illustrazione delle Terme Porrettane (*see* 21.113)
Illustrazione piante Bornensi 1869 (Becc.) 20.511
Illustrazione piante Bornensi 1870 (Becc.) 20.512
Illyrische und mitteleuropäisch-alpine Flora im Save-Tale Krains (*see* 20.614)
Imp. econ. Cocos (Bondar) 21.993
Imperfect sporangia in certain Pteridophytes (Bower) 22.461
Importancia economica Cocos (Bondar) 21.993
Incident au Jardin du Roi (Bonnet) 22.040
Index botanique universel des genres, espèces et variétés de plantes (*see* Beauverd, G.)
Index Hepaticarum (*see* Bonner, C.E.B.)
Index hort. bot. Univ. Hung. (*see* 20.561)
Index N. Amer. grasses (Beal) 20.462
Index nominum genericorum plantarum (*see* Bonner, C.E.B.)
Index North American grasses (Beal) 20.462
Indian Rhodophyceae (Børgesen) 21.807
Indian species of Avicennia (Biswas) 21.354
Indtryk rejse til Vestindien (Børgesen) 21.781

Inflorescence des Cuphea alterniflores (Boubier) 22.341
Influence de l'ammoniaque et des combinaisons azotés sur la végétation (*see* 21.485)
Influence de l'ammoniaque sur la végétation (Rod. Blanchet) 21.485
Influence du sol et des végétaux sur le développement des champignons (Boud.) 22.363
Influence lumière électrique sur plantes (*see* 22.057)
Inlandsche planten (Bergsma) 20.954
Inleiding tot de kennis der Hymenophyllaceae (Bosch) 22.312
Insel Rügen (*see* Boll, E.F.A.)
Instructions sur la récolte des algues (Bornet) 22.164
Intorno a due Gypsophila (Bég.) 20.719
Intorno ad alcune Ononis (Bég.) 20.738
Intorno ad alcuni concetti nell'"Phytognomica" (Bég.) 20.710
Intorno ad un nuovo genere di Pirenomiceti (Berl.) 20.970
Intorno allo sviluppo di Ipocreacei (Berl.) 20.980
Intr. nat. syst. bot. (*see* Beilschmied, C.T.)
Introduction to taxonomy and nomenclature of fungi (*see* Bisby, G.R.)
Introduction to the Flora of Natal (Bews) 21.247
Inulae europae (Beck) 20.578
Ipomoea pes-caprae (Booberg) 22.070
Iriartea exorrhiza (Bouillenne) 22.368
Iris spuria (Bernátzky) 21.014
Iseilema in Queensland (S.T. Blake) 21.447
Isle of Wight (*see* Bloxam, A.)
Isola Giglio (*see* 22.331)
Iter Persico-turcicum (Bornm.) 22.226
Ithyphallus aurantiacus (Boedijn) 21.704
Itin. princ. S. Coburgi (*see* Beck,G.)
Jahresbericht Fortschritte der Botanik (*see* Beilschmied, C.T.)
Jardin botanique de la Faculté de médecine de Lyon (Beauvis.) 20.501
Jardin de la Mer de Glace (Bouvier) 22.440
Julamossen – Ymsen – Fredbergsmossen (Booberg) 22.064
Juncus compressus x Gerardi (C.H. Blom) 21.576
Kaá Hê-é (Bertoni) 21.117
Kalkheuvels van Koeripan (Beumée) 21.237
Kalktufdann. Gudbrandsdal. (A. Blytt) 21.639
Kärlväxter Grönland (Berlin) 20.991
Kebnekaisetraktens flora (Birger) 21.326
Keim. Fr. und Samen (H. Becker) 20.646
Keimung verschiedenartiger Früchte und Samen bei derselben Species (H. Becker) 20.646
Key Diplostephium (S.F. Blake) 21.421
Key Eucalypts (Blakely) 21.452
Key to the Eucalypts (Blakely) 21.452
Key to the genus Diplostephium (S.F. Blake) 21.421
Key to the New South Wales Dillwynia (Blakely) 21.454
Kiezelwieren als "Gidsfossielen" (Blaauw) 21.392
Klassificering Pösa jordlager (Booberg) 22.068
Klima, Pflanzendecke und Besiedlung Mitteleuropas (Bertsch) 21.155
Knautiae (Beck) 20.595
"Koral" rev eller "Alge" rev? (Børgesen) 21.801
Korte beschrijving van de Patma der Javanen (Blume) 21.602
Korte flora der Djatibosschen (Beumée) 21.235
Közlemények békés és bihar-vármegyék Hórájából. (Borbás) 22.106
Krautartige Baumwollpflanze (Blumenhain) 21.610
Kraut. Baumwollpfl. (Blumenhain) 21.610
Kritische Bemerkungen über annuelle Hippocrepis-Arten (Bornm.) 22.252
Kritische Bemerkungen über Johrenia (Bornm.) 22.257
Kurze Uebersicht der geologischen Zeitrechnung (A. Blytt) 21.638
Küstenflora des Persischen Golfes (Bornm.) 22.186
Labiatae novae Persiae (*see* 22.224)
Laboratory guide for a cource in general botany (*see* Bonar, L.)
Laguna di Venezia (*see* Béguinot, A.)
Laminaria Rodriguezii (Bornet) 22.175
Lärche (F. Boden) 21.669
Lebensgesch. Bl.-Pfl. Mitteleur. (*see* Beger, H.K.E.)
Leberblümchen (Beck) 20.597
Leçon inaugurale (Bouillenne) 22.372
Légumineuses du Japon (H. Boissieu) 21.878
Leontopodium et Cicerbita (Beauverd) 20.482
Lepidium bonariense (C.H. Blom) 21.570
Lepidium ramosissimum (C.H. Blom) 21.575
Lepidodendron Hartc. (C.E. Bertrand) 21.130
Lepidodendron Hartcourtii (C.E. Bertrand) 21.130
Leptosporangiate ferns (Bower) 22.460
Leptosporangiate ferns, Abstract (Bower) 22.459

Lett. al Giamb. Amici (Bertol.) 21.093
Lettera al Giambattista Amici (Bertol.) 21.093
Lettres de P.B. Webb (Bonnet) 22.032
Lexicon botanicorum (Beckm.) 20.681
Lexik. bot. (Beckm.) 20.681
Lexikon der Botanik (*see* Boros, Á.)
Lexikon rei herbariae tripartitum (Boehm.) 21.750
Lex. rei herb. tripart. (Boehm.) 21.750
Licania de la Guyane française (Benoist) 20.859
Lichen genus Physcia (Bogue) 21.848
Lichenes britannici (*see* Bohler, J.)
Lichenes javanici (*see* Bosch, R.B.v.)
Lichens belges rares ou nouvelles (de Lesd.) 22.412
Lichens de l'État de New Mexico (de Lesd.) 22.418
Lichens de l'Ile de Pâques (de Lesd.) 22.422
Lichens de la Forêt de Fontainebleau (de Lesd.) 22.414
Lichens de Rouen (Béhéré) 20.755
Lichens des environs d'Hyères (de Lesd.) 22.409
Lichens des environs de Luxeuil (de Lesd.) 22.408
Lichens des environs de Versailles (de Lesd.) 22.406
Lichens des îles du Cap Vert (de Lesd.) 22.421
Lichens du Mexique (de Lesd.) 22.415
Lichens du Sud Algérien (de Lesd.) 22.413
Lichens rares ou nouveaux pour la Belgique (de Lesd.) 22.410
Lichens sur les silex (de Lesd.) 22.416
Lich. Rouen (Béhéré) 20.755
Lignification of phloem in Helianthus (Boodle) 22.076
Lijst der planten op Terschelling (Boerl.) 21.824
Lijst der werken inlandsche planten (Bergsma) 20.954
Lijst pl. St. Eustatius, Saba, St. Martin (Bold.) 21.903
Lijst van planten St. Eustatius, Saba, St. Martin (Bold) 21.903
Lijst werken inlandsche planten (*see* 21.825)
Liliaceae-Aloïneae africanae (A. Berger) 20.917
Limites de secteurs botaniques auteur de Montpellier (Louis Blanc) 21.478
Linsen-Wicken-Bastarden (Bleier) 21.533
Liriodendron Celakovskii (E.W. Berry) 21.031
List mar. alg. Bombay (Børgesen) 21.811
List of fungi from Brisbane (Berk.) 20.964
List of marine algae from Bombay (Børgesen) 21.811
List of the ferns of Simla (Blanf.) 21.490
List of the flowering plants and ferns of the Cape Peninsula (Bolus) 21.937
List of the grasses of Assam (*see* Bor, N.L.)
Liste des lichens Montfort-l'Amaury (Belèze) 20.805
Liste des lichens recueillis à Spa (de Lesd.) 22.405
Literature on the Hysteriales (Bisby) 21.334
Litteratuur onzer inlandsche Flora (*see* 21.825)
Lond. Cat. Brit. moss. (Bosw.) 22.328
London catalogue of British mosses (Bosw.) 22.328
Lower Eocene fl. (E.W. Berry) 21.046
Lower Eocene floras (E.W. Berry) 21.046
Lower lance florule from Harding County (E.W. Berry) 21.076
Lucubrationes de re herbaria (Bertol.) 21.091
Lupine (F. Boas) 21.648
Lycianthes (Bitter) 21.376
Lydie, Lycie et Carie (*see* Boissier, P.)
Ma mission en Malaisie (Bouillenne) 22.373
Macchia-for. Sardegna (Bég.) 20.750
Macchia-foresta nella Sardegna (Bég.) 20.750
Magyarország Mohái (*see* Boros, Á.)
Malaiische Blumenpilze (Boedijn) 21.713
Malatt. Gelso (Berl.) 20.967
Malattie del Gelso (Berl.) 20.967
Malayische Strandflora (Booberg) 22.069
Man. bot. (Bentley) 20.887
Man. compl. amat. roses (Boitard) 21.895
Man. compl. bot. (Boitard) 21.892
Mangirboom van Java (Boerl.) 21.838
Manipolo di Palme nuove Polinesiane (Becc.) 20.540
Manipolo di piante penisola balcanica (Bég.) 20.748
Manipolo primo di piante delle Liguria (Bertol.) 21.102
Mant. syn. Cousiniae (*see* 22.228)
Manual of botany (Bentley) 20.887
Manual of Indian botany (G.C. Bose) 22.315
Manuel complet de botanique (Boitard) 21.892
Manuel complet de l'amateur de roses (Boitard) 21.895
Manuel cult.-forest. (Boitard) 21.893
Manuel d'actinologie (*see* Blainville, H.M.D.)
Manuel du cultivateur-forestier (Boitard) 21.893
Marattiaceae (Bower) 22.458
Marattiaceae, Abstract (Bower) 22.457
Marine alg. Easter Isl. (Børgesen) 21.803

Marine alg. Faeröes (Børgesen) 21.772
Marine algae from Easter Island (Børgesen) 21.803, *see* Børgesen, B.F.C.
Marine algae from the Iranian Gulf (Børgesen) 21.818
Marine algae of the Danish West-Indies (Børgesen) 21.797
Marine algae of the Faeröes (Børgesen) 21.772
Marine algae of the maritime provinces of Canada (H.P. Bell) 20.807
Marine algae of the Shetlands (Børgesen) 21.774
Maryland plants (Blodgett) 21.562
Materiali per una monografia del genere Myosotis (Bég.) 20.715
Matériaux plantes médicinales Congo Belge (Boutique) 22.427
Matériaux pour l'étude des Rubus de l'Anjou (Bouvet) 22.437
Matériaux pour la flore de Buitenzorg (Boerl.) 21.829
Matériaux pour la flore mycologique des environs de Montpellier (Ge. Boyer) 22.484
Mat. pl. méd. Congo Belge (Boutique) 22.427
Matruchotia varians (Boulanger) 22.377
Mazaea (Bornet) 22.170
Medicinal plants of Mauritius (Bouton) 22.429
Medicinal products of Indian Simarubeae (A.W. Benn.) 20.840
Medicinisch-pharmaceutische Botanik (Bisch.) 21.342
Med.-pharm. Bot. (Bisch.) 21.342
Med. prod. Simarub. (A.W. Benn.) 20.840
Mehrfache Chromosom-Verdoppelungen bei Oenothera Lamarckiana (Boedijn) 21.693
Mélanges botaniques (*see* Blume, C.L.)
Melosira (Bethge) 21.229
Melosira und ihre Planktonbegleiter (Bethge) 21.229
Membranstoffe der Algen (Boresch) 22.132
Mem. Maguey mex. (P. Blasquez) 21.512
Mémoire sur espèces de chênes (Bosc) 22.308
Mémoire sur la Véronique Cymbalaire (Bodard) 21.666
Mémoire sur le groupe des Tiliacées (Bocq.) 21.664
Mémoires géologiques et paléontologiques (*see* Boué, A.)
Memoria produzioni naturali Golfo della Spezia (Bertol.) 21.094
Memoria sobre el Maguey mexicano (P. Blasquez) 21.512
Memoria sopra l'Agallocum (Bertol.) 21.105
Mém. Véronique Cymb. (Bodard) 21.666
Merendera Kurdica (Bornm.) 22.193
Mesembr. Portulac. (A. Berger) 20.919
Mesembrianthemen und Portulacaceen (A. Berger) 20.919
Mesozoic palaeont. Blaimore Reg. (E.W. Berry) 21.068
Mesozoic palaeontology of Blaimore Region (E.W. Berry) 21.068
Meth. fl. region. cujusd. (Boué) 22.365
Meth. Lehrb. allg. Bot. (W.J. Behrens) 20.772
Methodisches Lehrbuch der allgemeinen Botanik (W.J. Behrens) 20.772
Meth. plantes de la France (*see* Boitard, P.)
M.-Eur. (Blücher) 21.597
Mexicanas plantas (*see* Bescherelle, É., 21.163)
Mich. fl. (Beal) 20.463
Mich. fl., list (Beal) 20.466
Michigan flora (Beal) 20.463
Michigan flora: a list (Beal) 20.466
Micromicetes tridentini (Berl.) 20.979
Microskopische Pflanzen- und Thierwelt des Süsswassers (*see* Blochmann, F.)
Microstoma hiemale (Bernstein) 21.023
Midden-Sumatra (*see* 21.821)
Mimétisme chez quelques végétaux (Belèze) 20.806
Miocene fl. Gr. Coulee (E.W. Berry) 21.073
Miocene flora Grand Coulee (E.W. Berry) 21.073
Miocene fossil plants from Peru (E.W. Berry) 21.054
Miocene plants from Idaho (E.W. Berry) 21.075
Miocene plants from Southern Mexico (E.W. Berry) 21.061
Miocene pl. Idaho (E.W. Berry) 21.075
Mioc. pl. S. Mex. (E.W. Berry) 21.061
Miscellaneous botanical works of Robert Brown (*see* Bennett, J.J.)
Missbildungen an Primula officinalis (Beyer) 21.253
Mission Cap Horn, Mousses (Besch.) 21.177
Mission Choisy Sahara algérien (Bonnet) 22.007
Mission en Mauritanie occidentale (Bonnet) 22.033
Mittheilungen einer botanischen und entomologischen Reise (*see* 20.632)
Mittheilungen Flora Niederösterreich (Beck) 20.588
Monde vég. (Bonnier) 22.060
Monde végétal (Bonnier) 22.060
Monocotyledonous orders (Benth.) 20.883

Monoecism Funaria hygrometrica (Boodle) 22.075
Monogr. Andreaear. Scand. tent. (*see* Bjørnström, F.J.)
Monograph Eleocharis in Australia (S.T. Blake) 21.449
Monographic studies in Fimbristylis (S.T. Blake) 21.450
Monographic study of the genus Pritchardia (Becc.) 20.549
Monographie de la classe des Fougères (*see* Bommer, J.)
Monographie de quelques Sedum (Boreau) 22.127
Monographie der Gattung Melilotus (*see* 22.110)
Monographie der Oost-Indische Pepersoorten (Blume) 21.603
Monographie du genre Camellia (L. Berl.) 20.988
Monographie du genre Melampyrum (Beauverd) 20.486
Monographie Orobanche (Beck) 20.591
Monography of the genus Camellia (*see* 20.988)
Monogr. Camellia (L. Berl.) 20.988
Monogr. Melampyrum (Beauverd) 20.486
Monogr. Orobanche (Beck) 20.591
Monogr. stud. Pritchardia (Becc.) 20.549
Moosflora von Bregenz (Blumr.) 21.621
Moracées nouvelles de la Guyane française (Benoist) 20.862
Morieljes van Java (Boedijn) 21.737
Morphologische physiologische Untersuchungen Viola (Bergdolt) 20.905
Morph. physiol. Unters. Viola (Bergdolt) 20.905
Mosekult. (Blechingberg) 21.529
Mosekulturen (Blechingberg) 21.529
Mosses and lichens collected in the former Danish West Indies (Børgesen) 21.799
Moss. lich. Dan. W. Ind. (Børgesen) 21.799
Motion au Congrés international de Botanique (Børgesen) 21.789
Motions relating to the rules for Nomenclature of the Fungi (*see* Blakeslee, A.F.)
Mousses et hépatiques de l'Allier (Berthoum.) 21.089
Mousses nouvelles de l'Amérique australe (Besch.) 21.175
Mowraboom (Bobilioff) 21.652
Musc. hep. spetsberg. (Berggr.) 20.933
Muschi d'Italia (Bott.) 22.338
Muschi Ital. (Bott) 22.338
Musci boreali americana (*see* Bolander, H.N.)
Musci et hepaticae spetsbergenses (Berggr.) 20.933
Musci taimyr., bogan. et ochot. (I.G. Borshch.) 22.283
Musci taimyrenses, boganidenses et ochotenses (I.G. Borshch.) 22.283
Musci Yunnanensis (Besch.) 21.182
Muscinee dell'Isola del Giglio (Bott.) 22.331
Muscinées de la France (*see* Boulay, N.)
Muscinées des Environs de Paris (*see* Bescherelle, É.)
Muscinées du Département de Maine-et-Loire (Bouvet) 22.435
Muscinées du Plateau Lorrain (Bizot) 21.381
Musc. Maine-et-Loire (Bouvet) 22.435
Museum botanicum (*see* Blume, C.L.)
Mutation et traumatismes (Blaringhem) 21.501
Mutation in a haploid Datura (Blakeslee) 21.469
Mutations de la bourse à pasteur (Blaringhem) 21.504
Mutations in the Jimson weed (Blakeslee) 21.463
Mutat. traumat. (Blaringhem) 21.501
My garden in spring, summer, autumn and winter (*see* Bowles, E.A.)
Mycelium truf. blancs (Boulanger) 22.379
Mycelium truffiers blancs (Boulanger) 22.379
Mycetozoa von Sumatra (Boedijn) 21.695
Mykologische Mitteilungen (Boedijn) 21.684
Myoporum in the Netherlands' Indies (Bloemb.) 21.567
Myxochaete (Bohlin) 21.849
Myxomyceter fra Norge (*see* 21.632)
Myxophyceae of the United Provinces, India (Bhâradwâja) 21.266
Myzel von Parodiella Spegazzinii (Boedijn) 21.699
Naam Erythrina (Boerl.) 21.833
Nachträge zur "Flora der Schweiz" (Binz) 21.305
Nachträge zur Flora der Deutschen Schutzgebiete in der Südsee (*see* Beccari, O.)
Nachtrag zu der Flora von Braunschweig (*see* 21.126)
Nachtrag zu "Florula insulae Thasos" (Bornm.) 22.187
Nadeaudia (Besch.) 21.190
Nadelhölzer Niederösterreichs (Beck) 20.592
Några anmärkningsvärda adventiv och ruderatväxtfynd vid Malmö (C.H. Blom) 21.572
Några huvuddrag i Stockholmstraktens naturförhållunden (*see* Birger, S.B.G.)
Några nya nyzeeländska fanerogamer (Berggr.) 20.935

Några nyzeel. fan. (Berggr.) 20.935
Näheres über Cousinia bulgarica (Bornm.) 22.238
N. Amer. Fl. (*see* Benedict, R.C.)
Name this flower (Bonnier) 22.059
Namensverzeichniss der in der Gegend von Erfurt wild wachsenden Gewächse (*see* Bernhardi, J.J.)
Names Calif. pl. (Bol.) 21.901
Names of California plants (Bol.) 21.901, *see* Bolander, H.N.
Narrative of a voyage to the Pacific (Beechey) 20.687
Narr. voy. Pacific (Beechey) 20.687
Nat. disease (Bigelow) 21.293
Nat. Fam. Phan. balt. Prov. (Blaese) 21.404
Native econ. pl. Montana (Blank.) 21.496
Native economic plants of Montana (Blank.) 21.496
Native names and uses of some plants of eastern Guatemala and Honduras (S.F. Blake) 21.422
Native names pl. Guatemala (S.F. Blake) 21.422
Nat. Pflanzenfam. (*see* Bitter, G., Bolle, F.F.A.)
Nat. Schöpf.-Gesch. Tokontol. (Börner) 21.842
Natural history of Juan Fernandez and Easter Island (*see* Bitter, G., 21.803)
Natural. fl. S. Austral. (J.M. Black) 21.394
Naturalized flora of South Australia (J.M. Black) 21.394
Nature in disease (Bigelow) 21.293
Nature study of Maryland plants (Blodgett) 21.562
Naturhistorische Mittheilungen über die Gewächse der Sareptaer Umgegend (see 20.632)
Natürliche Schöpfungsgeschichte als Tokontologie. (Börner) 21.842
Natürlichen Familien der wildwachsenden Phänerogamen [sic] Kur-, Liv- und Esthlands (*see* 21.404)
Natürlichen Familien der Phanerogamen der baltischen Provinzen (Blaese) 21.404
Naturskyddsrörelsen i Sverige (Birger) 21.327
Naturverhältnisse auf den dänischen westindischen Inseln (*see* Børgesen, B.F.C.)
Nectaires (Bonnier) 22.046
Nect. fl. (Boehm.) 21.743
Nederlandsch-Indische Stinkzwammen (Boedijn) 21.702
Nederlandsche Boomgaard (Berghuis) 20.943
Nederlandsche dendrologie (Boom) 22.081
Nederlandsche Inocybe-soorten (Boedijn) 21.690
Nederlandsche planten (Bisschop) 21.344
Nederl. Boomg. (Berghuis) 20.943
Nederl. dendrol. (Boom) 22.081
Nederl. pl. (Bisschop) 21.344
Neesia (Blume) 21.606
Nektarien Blüth. (W.J. Behrens) 20.771
Nektarien der Blüthen (W.J. Behrens) 20.771
Nelle foreste di Borneo (Becc.) 20.521
Neohenricia (L. Bolus) 21.943
Nephrolepis (Benedict) 20.836
Neue Art der Gattung Trichodesma (Bornm.) 22.216
Neue Arten der Gattung Cousinia (Bornm.) 22.271
Neue Cousinien des Orients (*see* Bornmüller, J.)
Neue Cyperaceen (Boeck.) 21.680
Neue Cyperaceen von Argentinien (Boeck.) 21.682
Neue Eintheilung Orchideen (Beer) 20.691
Neue Grün- und Blaualgen aus Kärnten (Beck) 20.628
Neue Grünalgen aus Kärnten (Beck) 20.626
Neue Kartoffel aus Peru (Bitter) 21.378
Neue Methode den Holzwuchs und die Standortsvegetation bildlich darzustellen (A.G. Blomq.) 21.591
Neue Palmen Papuasiens (Becc.) 20.543
Neue Parmelia (Bitter) 21.373
Neue Pflanzen Oesterreichs (Beck) 20.579
Neue und kritische Sideritis-Arten (Bornm.) 22.260
Neu. Encyklopädie der Wissenschaften und Künste (*see* 21.343)
Neuer Bürger der europäischen Flora (Bornm.) 22.200
Neuer Moehringia-Bastard (Behrendsen) 20.763
Neuere Daten des Didymodon tophaceus in Mittelungarn (Boros) 22.273
New Amer. Asterac. (S.F. Blake) 21.425
New American Asteraceae (S.F. Blake) 21.425
New and little known Madagascar plants (*see* Beccari, O.)
New and noteworthy Compositae (*see* 21.409)
New Aspilia from Trinidad (S.F. Blake) 21.405
New Asteraceae (S.F. Blake) 21.433
New Asteraceae from Guatemala (S.F. Blake) 21.440
New Asteraceae from the United States (S.F. Blake) 21.441
New botany (Beal) 20.460
New Central American Asteraceae (S.F. Blake) 21.439

New Compositae (S.F. Blake) 21.410
New England trees in winter (Blakeslee) 21.460
New gen. Lophotal. (Børgesen) 21.809
New genus and species of Caryophyllaceae (*see* Bor, N.L.)
New genus Lophotalieae (Børgesen) 21.809
New genus of the Dematiaceae (Boedijn) 21.729
New Grindelia from Texas (S.F. Blake) 21.431
New Guinea (*see* Beccari, O.)
New Indian Scrophulariaceae (Blatt.) 21.517
New Malaysian species of Coprinus (Boedijn) 21.719
New Meliaceae from Mexico (S.F. Blake) 21.419
New moss collected in Blue Mountains Jamaica (Børgesen) 21.800
New or little-known Philippine palms (Becc.) 20.532
New plants from Guatemala and Honduras (S.F. Blake) 21.420
New plants from Oaxaca (S.F. Blake) 21.412
New plants from Venezuela (*see* 21.426)
New pl. Guatem. Hond. (S.F. Blake) 21.420
New Polygala from Bermuda (S.F. Blake) 21.435
New records and other notes on North Dakota plants (*see* 20.950)
New Salvia from Guatemala (S.F. Blake) 21.415
New South American Spermatophytes (*see* 21.414)
New species of Calamus (Becc.) 20.545
New species of Draparnaldiopsis (Bhâradwâja) 21.263
New species of Hymenophyllaceae (*see* 21.974)
New species of Nostochopsis (Bhâradwâja) 21.265
New species of Polyporaceae (Bose) 22.316
New Zealand Hepat. (Berggr.) 20.939
New-Zeeland plants (*see* 20.935)
Niederländischer Obstgarten (*see* 20.943)
Nieuwe Nederlandsche Saprolegniineae (Boedijn) 21.685
Nigella elata (Bornm.) 22.201
Nine new American Asteraceae (S.F. Blake) 21.438
Nine new Stylosanthes (S.F. Blake) 21.417
Nixus plantarum. Die Stämme des Gewächsreiches (Beilschm.) 20.794
Noch einige Mittheilungen über Astrachaner Pflanzen und Insekten (A.K. Becker) 20.632
Nogle Ericinee-Haars Udviklingshistorie (Børgesen) 21.759
Nogle ferskvandsalger fra Island (Børgesen) 21.766
Nomenclator botanicus (Boenn.) 21.754
Nomenclatura medico-botanica (Bonnet) 22.016
Nomenclature New England Agrimonies (E.P. Bicknell) 21.273
Nomenclature of Potamogetons (A. Benn.) 20.851
Nomencl. bot. (Boenn.) 21.754
Nomenklatorische Erklärungen (Borbás) 22.107
Nordamerikanische Süsswasseralgen (Borge) 22.147
Norges hymenomyceter (A. Blytt) 21.642
Norg. hymenomyc. (A. Blytt) 21.642
Norrländska florans geografiska fördelning (*see* Birger, S.B.G.)
North American species of Agrimonia (E.P. Bicknell) 21.270
North American Thuidiums (Best) 21.225
Nostocacées hétérocystées (Bornet) 22.177
Nota alla morfologica e biologia delle Alghe ficocromacee (Borzi) 22.296
Not. alg. eau douce (Bonhomme) 22.002
Nota preliminare sulla fitogeografia dei colli Euganei (Bég.) 20.717
Nota sopra Diplotaxis (Bég.) 20.716
Notas bibliográficas (*see* 21.120)
Note complémentaire Ombellifères de Corée (H. Boissieu) 21.888
Note on Alaria esculenta (Børgesen) 21.782
Note plantes adventices de Pont-d'Ain (H. Boissieu) 21.886
Note sur Chrysymenia uvaria (Børgesen) 21.805
Note sur deux cas de syncarpie Bryum atropurpureum (*see* 21.161)
Note sur deux espèces d'Asplenium (Bech.) 20.570
Note sur deux espèces nouvelles de Clavaires (Boud.) 22.354
Note sur deux nouveaux genres d'algues perforantes (Bornet) 22.176
Note sur l'Asplenium lucidum (Bech.) 20.572
Note sur le Gagea spathacea (J. Bommer) 21.960
Note sur le genre Aulosira (Bornet) 22.173
Note sur le "Leucobryum minus" (Besch.) 21.188
Note sur le Tremella fimetaria (Boud.) 22.349
Note sur le Verrucaria consequens (C. Bommer) 21.955
Note sur le vrai genre Pilacre (Boud.) 22.353
Note sur les affinités des Thallophytes (Bergevin) 20.928

Note sur les Morchella bohemica (Boud.) 22.356
Note sur les mousses des colonies françaises (Besch.) 21.171
Note sur les mousses des îles Saint-Paul et d'Amsterdam (Besch.) 21.165
Note sur les mousses du Paraguay (Besch.) 21.167
Note sur les poils des fougères (J. Bommer) 21.961
Note sur les Zygoptéridées (P.C.E. Bertrand) 21.141
Note sur quelques champignons nouveaux (Boud.) 22.362
Note sur quelques ombellifères de Chine (H. Boissieu) 21.883
Note sur un Orchis ustulata (Bellynck) 20.822
Noterelle briologiche (Bott.) 22.329
Notes Asterac. (S.F. Blake) 21.434
Notes bibliographiques (Bonnet) 22.036
Notes botaniques (Belèze) 20.803
Notes bryologiques (Besch.) 21.161
Notes complémentaires sur le voyage d'Edmond Boissier en Lydie (Bornm.) 22.218
Notes critiques sur le Scirpus Holoschoenus (Bech.) 20.567
Notes floristiques sur le Massif de la Fillière (Beauverd) 20.470
Notes floristiques Valais (Besse) 21.195
Notes horticoles sur la Suède et la Norvège (E. Bergman) 20.947
Notes horticoles sur le Danemark (E. Bergman) 20.946
Notes lichénologique (de Lesd.) 22.407
Notes Mesembrianthemum (L. Bolus) 21.942
Notes on Asiatic grasses (*see* Bor, N.L.)
Notes on Asteraceae in European herbaria (S.F. Blake) 21.434
Notes on Australian Cyperaceae (S.T. Blake) 21.445
Notes on Campanulaceous and Oleaceous groups (Benth.) 20.882
Notes on Euphorbiaceae (Benth.) 20.884
Notes on Gramineae (Benth.) 20.885
Notes on Japanese Potamogetons (A. Benn.) 20.854
Notes on Mesembrianthemum (L. Bolus) 21.942
Notes on North Dakota plants (*see* 20.950)
Notes on Philippine palms (Becc.) 20.527
Notes on Potamogetons (*see* 20.851)
Notes on Sassafras (E.W. Berry) 21.033
Notes on some Aspergilli from Sumatra (Boedijn) 21.696
Notes on some sooty moulds (Boedijn) 21.706
Notes on the geological history of the walnuts and hickories (E.W. Berry) 21.042
Notes on the morphology of Ophioglossum palmatum (Bower) 22.466
Notes on the phylogeny of Liriodendron (E.W. Berry) 21.032
Notes on the plants collected by Sig. L.M. d'Albertis in New Guinea (*see* Beccari, O.)
Notes on the Potamogetons of the herbarium Boissier 1895 (A. Benn.) 20.853
Notes on the Potamogetons of the Herbarium Delessert 1905 (A. Benn.) 20.855
Notes on the systematic position of Clibadium (S.F. Blake) 21.409
Notes on Thelesperma (S.F. Blake) 21.432
Notes ptérid. (Bonap.) 21.974
Notes ptéridologiques (Bonap.) 21.974
Notes sur la truffe (Boulanger) 22.380
Notes sur les caractères extérieurs du Chaerophyllum hirsutum (Beauverd) 20.469
Notes sur plantes de France (Boreau) 22.124
Notes sur quelques algues d'eau douce (Bonhomme) 22.002
Notes sur quelques Equisetum (Bech.) 20.566
Notes sur quelques plantes (Beauverd) 20.479
Notes sur quelques plantes de France (Boreau) 22.129
Notes sur quelques plantes de Tunisie (Bonnet) 22.018
Notes truffe (Boulanger) 22.380
Notes upon plants collected in Portugal (Berk.) 20.961
Not. geol. hist. walnuts (E.W. Berry) 21.042
Notice biographique [de] J. Decaisne (*see* Bornet, É.)
Notice historique sur le Jardin des Plantes d'Angers (Boreau) 22.123
Notice sur Discomycètes (Boud.) 22.350
Notice sur l'Agave americana (Boreau) 22.122
Notice sur le Jardin botanique de Bruxelles (J. Bommer) 21.965
Notice sur les travaux scientifiques (Bornet) 22.174
Notices bibliographiques (Bonnet) 22.039
Notiz über die Flora graeca sibthorpiana (Berg) 20.898
Notizen aus der Flora der südlichen Karpathen (Bornm.) 22.230
Notizen aus der Flora des Fichtelgebirges (Bornm.) 22.254
Notizen zur Flora Oberfrankens (Bornm.) 22.244

Notizie intorno a cose naturali (G. Bertol.) 21.112
Notizie intorno a due colonie eterotopiche (Bég.) 20.720
Notizie storiche di semplici in Italia (A. Bertol., Jr.) 21.109
Not. pl. Portugal Welw. (Berk.) 20.961
Not. trav. sci. (Bornet) 22.174
Nouveau Leontopodium asiatique (Beauverd) 20.485
Nouveau Viola de Chine (H. Boissieu) 21.882
Nouveautés floristiques de la Vallée de Tourtemagne (Beauverd) 20.489
Nouveaux documents pour la flore bryologique du Japon (Besch.) 21.184
Nouveaux faits de la botanique en Anjou (Boreau) 22.130
Nouvelle contribution à la flore bryologique du Tonkin (Besch.) 21.178
Nouvelle espèce du Yunnan (Bois) 21.860
Nouvelle flore de la Belgique (Bonnier) 22.049
Nouvelle flore des Lichens (Boistel) 21.890
Nouvelle Gesnériacée du Transvaal (Beauverd) 20.471
Nouvelle Liliacée (Beauverd) 20.492
Nouvelle plante potagère (Bois) 21.868
Nouvelles Acanthacées d'Indo-Chine (Benoist) 20.867
Nouvelles espèces d'Ascobolés (Boud.) 22.361
Nouvelles espèces de mousses de la Nouvelle-Calédonie (Besch.) 21.168
Nouvelles espèces uruguayennes Nothoscordum (Beauverd) 20.473
Nouvelles Primulacées, Solanacées et Scrophulariacées asiatiques (Bonati) 21.981
Nouv. fl. Belg. (Bonnier) 22.049
Nouv. fl. Lich. (Boistel) 21.890
Nouv. fl. Pélop. (*see* Bory de Saint-Vincent, J.B.G.)
Nova Caledonia, Bot.(*see* Bitter, G., 21.973)
Nova Guinea (Becc.) 20.550
Novitiae florae orientalis (Bornm.) 22.213
Nubbin (Blakeslee) 21.471
Nuova Guinea (Becc.) 20.550
Nuove pianti (Biv.) 21.380
Nuove pianti inedite (Biv.) 21.380
Nuove specie di Palme Nuova Guinea (Becc.) 20.519
Nuovo genere funghi sferopsidei (Berl.) 20.971
Nuovo Oidium del Lauroceraso (A. Bertol., Jr.) 21.107
Nyare nomenklatur adventiva växter (C.H. Blom) 21.585
Nye Bidrag til Kundskaben om Karplanternes udbredelse i Norge (A. Blytt) 21.630
Nyírség flórája és növényfölddrajza (Boros) 22.280
Observation sur le Sedum verticillatum (Bong.) 21.997
Observations Crinum capense (Beaurieux) 20.468
Observations on algal collections from Khasia (Biswas) 21.355
Observations on Schizaea (Boodle) 22.071
Observations on some genera of Guiana (Benth.) 20.872
Observations réalité des espèces (Belli) 20.820
Observations rétrospectives sur le Congrès de Vienne (Bonnet) 22.034
Observations sur la flore de la Seine-Inférieure (*see* Blanche, E.)
Observations sur la végétation de l'île de Sitcha (Bong.) 21.995
Observations sur le point de départ de la nomenclature générique (Bonnet) 22.031
Observations sur Oxera et Amethystea (Bocq.) 21.663
Observations sur plusieurs plantes rares ou nouvelles (Bouvet) 22.433
Observations sur quelques stations anormales des Alpes d'Annecy (*see* 20.478)
Observations thermo-électriques Colocasia odora (*see* Bergsma, C.A.)
Obs. real. esp. (Belli) 20.820
Obs. rétrosp. Congr. Vienne (Bonnet) 22.034
Odyssée de quelques plantes valaisannes (Beauverd) 20.493
Ökologiska enheterne i den färöiska hafsalg vegetationen (*see* 21.775)
Oenothera hazánkban (Borbás) 22.114
Of the natural history of the Sandwich Islands (*see* Bloxam, A.)
Official Handbook of the Cape of Good Hope (*see* 21.934)
Öfversigt botaniska arbeten (*see* Beilschmied, C.T.)
Ökologische Studien an Rotalgen der englischen Südküste (Biebl) 21.276
Oldenburgische Flora (*see* 21.678)
Oligostemon pictus (Bois) 21.865
Om algevegetationen ved Faerøernes kyster (Børgesen) 21.775
Om Azolla's prothallium och embryo (Berggr.) 20.936
Om Cyperaceerna (Berggr.) 20.937

Om de fytogeografiske og fytopalaeontologiske grunde (A. Blytt) 21.640
Om den sandsynlige årsag til strandliniernes forskyving (A. Blytt) 21.636
Om Faerøernes Havalgevegetation og dens Oprindelse. En kritik (*see* 21.775)
Om förekomsten i Sverige af Elodea canadensis (Birger) 21.325
Om Härjedalens Vegetation (Birger) 21.321
Om Kautschukplanten 'Manihot Glaziovii' (*see* 21.787)
Om Mosekulturer (*see* 21.529)
Om några Amaranthus-fynd i Sverige (C.H. Blom) 21.571
Om to Kalktufdannelser i Gudbrandsdalen (A. Blytt) 21.639
Om Tuber Saleb (Birger) 21.318
Om vegetationen paa de dansk-vestindiske Øer (Børgesen) 21.765
Om Vegetationsforholdene ved Sognefjorden (A. Blytt) 21.623
Om vexellagring og dens mulige betydning for tidsregningen (A. Blytt) 21.634
Ombellifères de Chine de l'Académie de Géographie botanique (H. Boissieu) 21.887
Ombellifères de Chine du Muséum d'Histoire naturelle Paris (H. Boissieu) 21.884
Ombellifères de Corée (H. Boissieu) 21.885
Omissa et addenda ad Florulam insularum Purpurariarum (*see* 21.927)
On a new South Polynesian Palm (Becc.) 20.546
On a new species of Cylindrospermum (Biswas) 21.345
On a new species of Scrophularia (E.P. Bicknell) 21.269
On a peculiar form of mildew in onions (Berk.) 20.959
On a scientific course of study (Bessey) 21.198
On a species of Carex (Boott) 22.088
On African Anonaceae (Benth.) 20.878
On Agaricus from Ceylon (Berk.) 20.963
On Arachis and Voandzeia (Benth.) 20.871
On Eucalyptus globulus (Bentley) 20.888
On Fissicalyx and Prioria (Benth.) 20.876
On leaf-architecture (Bower) 22.469
On medullation on the Pteridophyta (Bower) 22.468
On New Zealand Hepaticae (Berggr.) 20.939
On New Zealand mosses (Beckett) 20.678
On nomenclature (Beeby) 20.684
On some moulds (Berk.) 20.960
On some points of resemblance between Gnetalean and Bennettitean seeds (Berridge) 21.026
On some species of Ustilago (Boedijn) 21.722
On the comparative morphology of the leaf in the vascular cryptogams and gymnosperms (Bower) 22.445
On the conditions of teleutospore germination (V.H. Blackman) 21.401
On the development of Stigmatomyces (Boedijn) 21.687
On the fertilization of the Uredineae (V.H. Blackman) 21.403
On the flora of Shetland (Beeby) 20.685
On the genus Henriquezia (Benth.) 20.874
On the limits of the use of the terms "Phyllome" and "Caulome" (Bower) 22.447
On the morphology and cytology of Trichocoma paradoxa (Boedijn) 21.726
On the primary xylem (Bower) 22.467
On the probable cause of the displacement of shore-lines (*see* 21.636)
On the probable wild source of the true limes (Bonavia) 21.985
On the production of dwarf male prothalli in sporangia of Todea (Boodle) 22.077
On the structure and affinities of Characeae (A.W. Benn.) 20.842
On the structure of the axis of Lepidostrobus Brownii (Bower) 22.452
On the structure of the stem of Rynchopetalum montanum (Bower) 22.446
On the variation of the evening primrose (Boulenger) 22.394
On two forms of Hydrurus (Bhâradwâja) 21.267
On variations of climate in the course of time (A. Blytt) 21.635
Onderzoek plantenstoffen van Nederlandsch-Indië (Boorsma) 22.085
Onderz. pl.-stoff. Ned. Ind. (Boorsma) 22.085
One hundred years of systematic botany in South Australia (J.M. Black) 21.398
Onobrychis Bellevii (Bornm.) 22.191
Ontwikkeling onzer kennis aangaande de flora van Nederland (*see* 21.825)
Oogenesis and embryogeny in Ephedra distachya (Berridge) 21.025
Ophioglossaceae (Bower) 22.456
Ophioglossaceae, Abstract (Bower) 22.455
Ophioglossum simplex (Bower) 22.464
Orchidées (Bois) 21.858
Orchids of Michigan (M.T. Bingham) 21.303
Orchids of the Cape Peninsula (Bolus) 21.936
Orch. Mich. (M.T. Bingham) 21.303

Organismus der Cilioflagellaten (Bergh) 20.941
Origin and dispersal of Cocos nucifera (Becc.) 20.544
Origin of bulbs in Erythronium (Blodgett) 21.564
Origin of Gymnosperms (E.W. Berry) 21.036
Origin of the Anthophyta (Bessey) 21.216
Orobanche (Beck) 20.583
Orobanchenflora Vorderasiens (Bornm.) 22.209
Osservazioni sopra quattro specie di Veccie Italiane (Bertol.) 21.101
Osservazioni Cardamine pratensis (Bég.) 20.732
Osservazioni floristiche Drypis (Bég.) 20.723
Osservazioni Phalaris aquatica (Bertol.) 21.103
Osservazioni Romulea (Bég.) 20.724
Ostracoblabe implexa (Bornet) 22.181
Ousounifing (Bois) 21.861
Outline of plant phyla (Bessey) 21.209
Outlines elem. bot. (Benth.) 20.877
Outlines of elementary botany (Benth.) 20.877
Over de parthenogenesis in het Plantenrijk (*see* 20.952)
Over de systematiek der Basidiomyceten (Boedijn) 21.686
Over een Amerikaansche aankomeling Amsinckia lycopsoides (Boerl.) 21.835
Over eenige Oost-Indische planten (Blume) 21.607
Over Erythrina (Boerl.) 21.831
Over flora, bodem en historie van het meertje van Rockanje (Blaauw) 21.393
Over het cecidium van Nematus capreae aan Salix amygdalina (Beij.) 20.782
Over normale wortelknoppen (Beij.) 20.778
Over Suikerriet uit "zaad" (Benecke) 20.830
Overzicht der flora van Harderwijk (Bondam) 21.990
Oxytropis Halleri (Bech.) 20.564
Padasjoen Pitäjän itäpuoliskon kasvisto (K. Björklund) 21.389
Paläobotanische Monographie des Federseerieds (Bertsch) 21.156
Paläobot. Monogr. Federseerieds (Bertsch) 21.156
Palm nut of Attalea (E.W. Berry) 21.074
Palmae (Becc.) 20.533
Palmae Borasseae (Becc.) 20.551
Palmae novae antillanae (Becc.) 20.528
Palmarum madagascariensium synopsis (Becc.) 20.525
Palme americane Corypheae (Becc.) 20.526
Palme australasiche (Becc.) 20.535
Palme del genere "Trachycarpus" (Becc.) 20.523
Palme della tribù Borasseae (Becc.) 20.551
Palme "Dum" od "Hypaene" (Becc.) 20.529
Palme incluse nel genere Cocos (Becc.) 20.520
Palme nuove papuane (Becc.) 20.524
Palmeiras Cocos (Bondar) 21.992
Palmeiras do Brasil (*see* Bondar, G.)
Palmeiras na Bahia do genero Cocos (Bondar) 21.992
Palmeiras nativas côcos (Bondar) 21.991
Palmen (*see* Bolle, C.A.)
Palmen der Canarischen Inseln (Bolle) 21.915
Palms indigenous to Cuba (Becc.) 20.539
Palms of British India (Blatt.) 21.515
Palms of Polillo (Becc.) 20.537
Palms of the Batanes and Babuyanes Islands (Becc.) 20.530
Palms of the Philippine Islands (Becc.) 20.547
Palms of the Philippine Islands collected by A.D.E. Elmer (Becc.) 20.548
Palmyra Island (*see* Beccari, O.)
Papilionacearum species flora Phrygiae (Bornm.) 22.217
Papuasischen Arten von Solanum (Bitter) 21.374
Parallelismus Silenacearum Gentianacearum (Borbás) 22.115
Parasitisme probable des Coprins (Biers) 21.287
Parinarium glaberrimum (Boerl.) 21.834
Parthénogénèse des végétaux supérieurs (Blaringhem) 21.503
Parthenogen. pl. (A.J. Bergsma) 20.952
Partitions anomales du rachis chez les fougères (Bergevin) 20.929
Past climate of the North Polar region (E.W. Berry) 21.071
Past clim. N. Polar reg. (E.W. Berry) 21.071
Pédiculaires de la Chine (Bonati) 21.978
Pedicularis (Bonati) 21.982
Peltigeren-Studien (Bitter) 21.367
Perfectionnement des plantes (Blaringhem) 21.506
Perfect. pl. (Blaringhem) 21.506
Petite fl. mycol. (Bigeard) 21.289
Petite flore mycologique (Bigeard) 21.289
Pflanzen des Rigaschen Krautmarktes (Bermann) 20.992
Pflanzenareale (*see* Beck,G., Bergdolt, E.)
Pflanzenbiologische Mittheilungen (Borbás) 22.108
Pflanzengefässe (Bernh.) 21.018

Pflanzengeographie (Beilschm.) 20.793
Pflanzengeographie des nordschweizerischen Rheingebietes (Bech.) 20.559
Pflanzengeographische Gruppen in Gärten (Beck) 20.589
Pflanzenphysiognomie (H. Berge) 20.909
Pflanzenwelt (Beck) 20.590
Pflanzenwelt von Iranisch-Balutschistan (Bornm.) 22.270
Pfl.-Geogr. (Beilschm.) 20.793
Pfl.-Physiogn. (H. Berge) 20.909
Phallineae of the Netherlands East Indies (Boedijn) 21.707
Phanerogamarum novitates (Beauverd) 20.488
Phanerogamische Pflanzenwelt der Insel Laysan (Bitter) 21.363
Pharmaceutische Botanik (*see* 20.901)
Pharmaceutische Waarenkunde (*see* 20.901)
Pharmacognosie (*see* 20.901)
Pharmazeutisch-wichtigen Ferulaceen der Aralo-Caspischen Wüste (I.G. Borshch.) 22.286
Pharm.-wicht. Ferulac. (I.G. Borshch.) 22.286
Phillipsia and Cookeina (Boedijn) 21.710
Philos. not. bot. subj. (Bonavia) 21.987
Philosophical notes on botanical subjects (Bonavia) 21.987
Phtheirospermum and Pedicularis (Bonati) 21.983
Phyla, classes, and orders of plants (Bessey) 21.211
Phyletic idea in taxonomy (Bessey) 21.210
Phyllotaxie chez quelques espèces de Caryophyllacées (Benoist) 20.865
Phylogenetic taxonomy of flowering plants (Bessey) 21.215
Phylogeny and taxonomy of Angiosperms (Bessey) 21.205
Phylogeny of the grasses (E.A. Bessey) 21.219
Phys. cond. Alum Bluff (E.W. Berry) 21.047
Phys. cond. Calvert Form. (E.W. Berry) 21.048
Physical conditions and age of Alum Bluff Formation (E.W. Berry) 21.047
Physical conditions of Calvert Formation (E.W. Berry) 21.048
Physiognomische Betrachtungen Pflanzenwelt (Beck) 20.590
Physoptychis Haussknechtii (Bornm.) 22.199
Phytogeographical studies of the Greenland flora (Böcher) 21.673
Phytogeogr. stud. Greenl. fl. (Böcher) 21.673
Phytoplankton of Lakes in the Faeröes (Børgesen) 21.773
Piante del Brasile (Bertol.) 21.090
Piante della Macedonia (Bég.) 20.752
Piante infestanti provincia bolognese (Bertol.) 21.106
Piante nuove asiatiche (Bertol.) 21.104
Piante nuove o rare della flora romana (Bég.) 20.705
Pila bibract. (C.E. Bertrand) 21.131
Pila bibractensis (C.E. Bertrand) 21.131
Pilze in ökonomischer, chemischer und toxikologischer Hinsicht (*see* 22.345)
Pilze. Neue (S. Blumer) 21.616
Pilze. Neue Vorkommnisse (S. Blumer) 21.615
Pilzflora von Sumatra (Boedijn) 21.700
Pinguicula norica (Beck) 20.619
Pinus mitis (Bolle) 21.924
Pioneers of plant study (Boulger) 22.402
Pioneers pl. study (Boulger) 22.402
Pirus doumeri (Bois) 21.867
Pisaura automorpha (Bonato) 21.984
Più piccola delle Aracee (Becc.) 20.515
Pl. aliment. (Bois) 21.871
Planches relatives au genre Gaertnera (Bojer) 21.899
Planct. Étang Saint-Nic. (Bioret) 21.311
Plancton de l'Étang Saint-Nicolas (Bioret) 21.311
Plankton der Havel bei Potsdam (Bethge) 21.228
Plantas usuales del Paraguay, Introduccion (Bertoni) 21.122
Plant communities of Coolum (S.T. Blake) 21.446
Plant-formations of Eastern Massachusetts (Blank.) 21.493
Plant forms (Bews) 21.248
Plant geography (Boulger) 22.401
Plant life of Maryland (*see* Blodgett, F.H.)
Plant rusts (*see* Bisby, G.R.)
Plant succession in the thorn veld (Bews) 21.244
Plantae Aucherianae (Boiss.) 21.872
Plantae Brunsianae (Bornm.) 22.237
Plantae Californicae (*see* Bolander, H.N.)
Plantae junghuhnianae (*see* Bosch, R.B.v.)
Plantae Lindheimerianae (*see* Blankinship, J.W.)
Plantae nonnullae ex Asia Media novae (Bornm.) 22.206
Plantae norvegiae, praesertium alpinum rariores (*see* Blytt, M.N.)
Plantae novae (Beck) 20.577
Plantae novae horti regii botanici berolinensis (*see* Bouché, C.D.)
Plantae novae iranicae (*see* 22.271)

Plantae per Cernagoram et in Albania adjacente lectae (Beck) 20.587
Plantae quatuor Brasilienses novae (*see* 22.001)
Plantae sinenses Violaceae (W. Becker) 20.675
Plantae Straussianae (Bornm.) 22.211
Plantae vasculares seu cotyledoneae Scandinaviae (Beurl) 21.239
Plantago borealis (A. Blytt) 21.627
Plantago crassifolia (Bég.) 20.708
Plantas fabulosas inprimis mythologicae recenset (Boehm.) 21.749
Plantas nuevas en la flora del Uruguay (Beauverd) 20.490
Plantas usuales del Paraguay (Bertoni) 21.118
Plantensociologisch onderzoek bij Poeger (Booberg) 22.065
Planter samlede paa Faeröerne (*see* 21.763)
Plantes à fourmis (Becc.) 20.517
Plantes alimentaires (Bois) 21.871
Plantes arctiques comparées aux mêmes espèces des Alpes et des Pyrenées (*see* 22.057)
Plantes bulbeuses (Bossin) 22.325
Plantes carnivores (Bellynck) 20.824
Plantes dans le test calcaires des Mollusques (Bornet) 22.178
Plantes de la Wallonie malmédienne (*see* Boxus, R.)
Plantes de Maine-et-Loire (Bouvet) 22.432
Plantes des champs et des bois (Bonnier) 22.050
Plantes du Binnental (*see* 21.306)
Plantes indiquées en Tunisie par Desfontaines (Bonnet) 22.021
Plantes médicinales de Maurice indigènes ou cultivées (*see* 22.429)
Plantes médicinales indigènes congolaises (*see* 22.427)
Plantes néo-calédoniennes (Beauvis.) 20.504
Plantes rares ou nouvelles pour la flore d'Indre-et-Loire (*see* 22.433)
Plantes représentées sur vases de boscoreale (Bonnet) 22.023
Plantgeografisk sammenligning Dovrefjeld (Blytt) 21.646
Plants from Beata Islands (*see* Børgesen, F.C.E.)
Plants of the Lloyd Botanic Garden (Biswas) 21.358
Platanes (J. Bommer) 21.964
Platysiphonia (*see* Børgesen, B.F.C.)
Pl. bulb. (Bossin) 22.325
Pl. caule bulbif. (*see* Boehmer, G.R.)
Pl. Cernagor. lect. (Beck) 20.587
Pl. champs et bois (Bonnier) 22.050
Pleistocene pl. N. Carolina (E.W. Berry) 21.066
Pleistocene plants from North Carolina (E.W. Berry) 21.066
Pl. fabul. inpr. mythol. (Boehm.) 21.749
Pl. geogr. (Boulger) 22.401
Plioc. citronelle form. (E.W. Berry) 21.049
Pliocene citronelle formation (E.W. Berry) 21.049
Pl. nuev. fl. Uruguay (Beauverd) 20.490
Pl. usual. Parag., Introd. (Bertoni) 21.122
Pl. usual. Paraguay (Bertoni) 21.118
Pl. venen. agri duisb. (Böninger) 21.753
Podostroma from Africa (Boedijn) 21.733
Poisonous species of the genus Phaeomarasmius (Boedijn) 21.735
Pollen abortion in chromosomal types of Datura (Blakeslee) 21.468
Pollennachahmung in Eria (Beck) 20.622
Polygalae americanae (A.W. Benn.) 20.844
Polygonum baldschuanicum (Boom) 22.082
Polymorphisme de quelques plantes du Massif de la Vanoise (Beauverd) 20.491
Polypodii vulgaris varietates (Borbás) 22.111
Pontische Flora in Kärnten und ihre Bedeutung (*see* 20.614)
Pop. hist. palms (*see* Bolle, C.A.)
Poroxylons (C.E. Bertrand) 21.128
Potager d'un curieux (*see* Bois, D.)
Potamogeta Böhm. (Bercht.) 20.893
Potamogeta Böhmens (Bercht.) 20.893
Potamogetons of the Philippine Islands (A. Benn.) 20.856
Praktische identificatie van hout (L.G. den Berger) 20.924
Praktische Pilzkunde (Blücher) 21.596
Prakt. Pilzk. (Blücher) 21.596
Prakt. Stud. Orchid. (*see* 20.691)
Preanger-houtsoorten (Beekman) 20.688
Préc. bot. pharm. (Beille) 20.792
Précis de botanique pharmaceutique (Beille) 20.792
Predisposizione piante infezione parassitaria (Berl.) 20.984
Prelim. rep. trees shrubs Neb. (Bessey) 21.201
Preliminary list lichens of Central Missouri (E.C. Berry) 21.029
Preliminary list of Manitoba fungi (*see* 21.337)
Preliminary list of the Uredinales of California (Blasdale) 21.511
Preliminary notes High Wavy Mountain (Blatt.) 21.516
Preliminary report on the native trees and shrubs of Nebraska (Bessey) 21.201

Preliminary statement on the Equisetaceae and Psilotaceae (Bower) 22.450
Preliminary statement on the Lycopodinae and Ophioglossaceae (Bower) 22.449
Pres. outlook descent (Bower) 22.474
Present outlook on descent (Bower) 22.474
Prima contribuzione alla flora briologica della Calabria (*see* Bottini, A.)
Prim. fl. Costaric. (*see* Bommer, J.)
Primi muschi delle Isole Eolie (Bott.) 22.333
Primitiae florae Portobellensis (Beurl) 21.238
Primitiae monographiae Rosarum imperii Hungarici (Borbás) 22.096
Primitive land plants (*see* Bower, F.O.)
Primitive spindle in the embryology of plants (Bower) 22.473
Princ. gén. distr. géogr. mouss. (Boulay) 22.383
Princ. héréd. mendel. (Blaringhem) 21.508
Principes et formules de l'hérédité mendélienne (Blaringhem) 21.508
Principes généraux de la distribution géographique des mousses (Boulay) 22.383
Prir. rostlin (*see* Berchtold, F.G.v.)
Probable cause of the displacement of beach-lines (A. Blytt) 21.637
Problèmes de l'hérédité expérimentale (Blaringhem) 21.507
Probl. héréd. exp. (Blaringhem) 21.507
Prodr. [DC.] (*see* Boissier, P.)
Prodr. bryol. mex. (Besch.) 21.163
Prodr. Fl. preuss. Rheinlande (*see* Bogenhard, C.)
Prodromo della Briologia dei bacini del Serchio e della Magra (*see* Bottini, A.)
Prodromus bryologiae mexicanae (Besch.) 21.163, *see* Bescherelle, É.
Prodromus florae batavae (*see* Bosch, R.B.v.)
Production par traumatisme d'anomalies florales (Blaringhem) 21.498
Produits coloniaux (*see* Bois, D.)
Projet d'une étude détaillée de la géographie botanique de la Belgique (C. Bommer) 21.958
Projets de cartographie botanique (Louis Blanc) 21.475
Prom. bot. (Bouvier) 22.444
Promenades botaniques (Bouvier) 22.444
Proposito dell'Azolla filiculoides (Bég.) 20.746
Propriétés des chaînes libéro ligneuses des Filicinées (C.E. Bertrand) 21.133
Prospetto delle piante vascolari Colli Euganei (Bég.) 20.727
Prosp. piant. vasc. Colli Euganei (Bég.) 20.727
Prothalle et l'embryon de l'Azolla (*see* 20.936)
Protochytrium Spirogyrae (Borzi) 22.301
Protoplasmatische Ökologie der Meeresalgen (Biebl) 21.278
Protoplasmatische Ökologie der Pflanzen (*see* 21.278)
Pseudo-Nom. (Beeby) 20.686
Pseudo-Nomenclature (Beeby) 20.686
Pterid. Kolumb. Andenfl. (Bork.) 22.157
Pteridophyta herbarii Haynaldi Hungarica (*see* 22.091)
Pteridophyta of St. Kitts (Box) 22.480
Pteridophyten der Kolumbischen Andenflora (Bork.) 22.157
Ptéridophytes de l'Herbier du Muséum récoltées à Madagascar (*see* 21.975)
Puccinellia, Poa et Avena de Dunkerque (de Lesd.) 22.419
Pugill. pl. javan. (Blume) 21.600
Pugillus plantarum javanicarum (Blume) 21.600
Quelques lichens du Pas-de-Calais (de Lesd.) 22.417
Quelques mots sur Aseroë rubra (C. Bernard) 21.000
Quelques notes Rubus en France (Boulay) 22.388
Quelques nouveaux lichens de Cuba (de Lesd.) 22.420
Quelques nouvelles espèces de champignons inférieurs (Boud.) 22.355
Quercus macedonica (Borzi) 22.306
Quercus Robur (Becc.) 20.518
Racines-échasses (Bouillenne) 22.369
Rambles in New Zealand (Bidwill) 21.275
Rambl. N.Z. (Bidwill) 21.275
Rapp. cann. sucr. Maurice (Bouton) 22.430
Rapport de cannes de sucre à Maurice (Bouton) 22.430
Rassen der Nicandra physaloides (Bitter) 21.366
Rech. anat. Bétul.-Coryl. (Boubier) 22.342
Rech. bot. Solanum tub. (P. Berthault) 21.079
Rech. Brayera (Bidermann) 21.274
Rech. dével. fl. Disciflores (Beille) 20.791
Recherches botaniques sur Solanum tuberosum (P. Berthault) 21.079
Recherches de paléontologie végétale des Vosges (Boulay) 22.387
Recherches de paléontologie végétale du Nord de la France (Boulay) 22.386
Recherches expérimentales sur l'adaption des plantes au climat alpin (*see* 22.057)
Recherches sur l'anatomie Bétulacées-Corylacées (Boubier) 22.342

Recherches sur l'anatomie expérimentale des végétaux (Bonnier) 22.057
Recherches sur la fécondation des Floridées (Bornet) 22.168
Recherches sur la synthèse des lichens (Bonnier) 22.051
Recherches sur le développement floral des Disciflores (Beille) 20.791
Recherches sur le genre Brayera (Bidermann) 21.274
Recherches sur le Phucagrostis major (Bornet) 22.167
Recherches sur les gonidies des lichens (Bornet) 22.169
Recherches sur les lichens des environs de Dunkerque (de Lesd.) 22.411
Recherches sur les Poroxylons (*see* 21.128)
Recherches sur quelques bois pharaoniques (Beauvis.) 20.505
Recherches sur quelques Ménispermacées (Beauquesne) 20.467
Rech. lich. Dunkerque (de Lesd.) 22.411
Rech. Ménispermac. (Beauquesne) 20.467
Rechneigraben (I. Blum) 21.599
Rech. paléont. vég. Nord France (Boulay) 22.386
Rech. paléont. vég. Vosges (Boulay) 22.387
Rectifications flore des environs de Rouen (Blanche) 21.481
Recueil Travaux cryptogamiques dédiés à Louis Mangin (*see* Børgesen, B.F.C.)
Redisposition of the species heretofore referred to Leptosyne (S.F. Blake) 21.406
Regeneration bei Lebermoosen (Berkovec) 20.966
Régions d'une trace foliaire de Filicinée (*see* 21.133)
Reinschia australis (C.E. Bertrand) 21.132
Reise in die Kirgisensteppe (A.K. Becker) 20.631
Reise nach Baku (A.K. Becker) 20.637
Reise nach Chanskaja Stafka (A.K. Becker) 20.640
Reise nach dem Kaukasus (A.K. Becker) 20.633
Reise nach dem Stillen Ocean (*see* 20.687)
Reise nach dem südlichen Daghestan (A.K. Becker) 20.639
Reise nach den Salzseen Baskuntschatskaje und Elton (A.K. Becker) 20.636
Reise nach Mangyschlak (A.K. Becker) 20.634
Reise nach Temir-Chan-Schora und Derbent (A.K. Becker) 20.635
Reisen Bosn. Hertzeg. (O. Blau) 21.527
Reisen in Bosnien und der Hertzegowina (O. Blau) 21.527
Relation of fertilisation (V.H. Blackman) 21.402
Relevé des plantes sur les ruines de Visé (Bouillenne) 22.367
Reliquiae Straussianae (Bornm.) 22.236
Remarks on an alga in Forrskål's herbarium (Børgesen) 21.817
Remarques sur quelques Arabettes (Beauverd) 20.476
Remarques sur Rapateacées (Boubier) 22.340
Rem. geogr. distr. Brit. pl. (*see* Beilschmied, C.T.)
Renonculacées du Japon (H. Boissieu) 21.879
Reproduction of the Zygnemaceae (A.W. Benn.) 20.845
Rep. U.S. geogr. Surv. Wheeler (*see* Bebb, M.S.)
Res. geogr. bot. Parag. (Bertoni) 21.119
Responsio ad quaestionem botanicum (Boon Mesch) 22.083
Resp. quaest. bot. (Boon Mesch) 22.083
Result. sci. Miss. Stefanini - Paoli (*see* Beccari, O.)
Résumé des herborisations de 1910 dans les Alpes d'Annecy (Beauverd) 20.478
Resúmen de geografía botánica del Paraguay (Bertoni) 21.119
Review of the British Polygala (A.W. Benn.) 20.841
Review of the genus Diplostephium (S.F. Blake) 21.430
Review of the genus Hydrolea (A.W. Benn.) 20.839
Review of the Hydrophylleae (Benth.) 20.870
Revis. Acanthospermum ... Tithonia (S.F. Blake) 21.416
Révis. Araliac. ind. (Boerl.) 21.822
Revis. Eocene Wilcox fl. (E.W. Berry) 21.072
Révis. fl. Nord France (Boulay) 22.385
Revis. Forssk. alg (Børgesen) 21.808
Revis. foss. ferns Potomac. gr. (E.W. Berry) 21.038
Révision Araliacées archipel indien (Boerl.) 21.822
Révision de la flore du Nord de la France (Boulay) 22.385
Revision der Gattung Polylepis (Bitter) 21.370
Révision des Hypericum (Bonnet) 22.005
Révision des Roses d'Asie de la section des Eglanteria (Boulenger) 22.397
Révision des roses d'Asie de la section des Synstylae (Boulenger) 22.396

Revision einiger syrischer Astragalus-Arten (Bornm.) 22.225
Revision Eocene Wilcox flora (E.W. Berry) 21.072
Revision fossil ferns from the Potomac group (E.W. Berry) 21.038
Révision Morilles de France (Boud.) 22.358
Revision North American Thuidiums (Best) 21.221
Revision of Dimerostemma (*see* 21.409)
Revision of Forsskåls algae (Børgesen) 21.808
Revision of Leskea (Best) 21.226
Revision of Nageiopsis (E.W. Berry) 21.037
Revision of Pseudoleskea (Best) 21.223
Revision of the American species of Rinorea (S.F. Blake) 21.426
Revision of the Australian species of Potamogeton (A. Benn.) 20.850
Revision of the Claopodiums (Best) 21.222
Revision of the genus Alangium (Bloemb.) 21.568
Revision of the genus Cassia (Benth.) 20.880
Revision of the genus Cereus (A. Berger) 20.916
Revision of the genus Polygala (S.F. Blake) 21.408
Revision of the genus Viguiera (S.F. Blake) 21.413
Revision of the genus Vittaria (Benedict) 20.835
Revision of the Indian species of Rotala and Ammannia (Blatt.) 21.518
Revision of the North American species of Heterocladium (Best) 21.224
Revision of the suborder Mimoseae (Benth.) 20.881
Revisione delle "Romulea" (Bég.) 20.735
Revisione Knautiarum (Borbás) 22.116
Revisione monografica dei Teucrium (Bég.) 20.730
Revisione monografica del genere Apocynum (Bég.) 20.743
Revisione monografica del genere Romulea (*see* 20.735)
Revisione Romulea (Bég.) 20.731
Revisions of the genera Acanthospermum, Flourensia, Oyedaea, Tithonia (S.F. Blake) 21.416
Revisions-Ergebnisse einiger orientalischer und zentralasiatischer Arten der Gattung Echinops (Bornm.) 22.245
Revis. Knaut. (Borbás) 22.116
Revis. Polygala (S.F. Blake) 21.408
Revis. Viguiera (S.F. Blake) 21.413
Rev. monogr. Apocynum (Bég.) 20.743
Revue d'Agropyrum (Boreau) 22.128
Revue des espèces de Fumaria (Boreau) 22.121
Revue des travaux parus sur les lichens (Bioret) 21.310
Rheinisches Magazin (Borkh.) 22.155
Rhein. Mag. (Borkh.) 22.155
Rhizoidenbildung (Borge) 22.138
Rhizomyxa (Borzi) 22.302
Rhynchospora alba (Berggr.) 20.938
Ricerche intorno alla Leptosphaeria agnita (Berl.) 20.968
Richerche briologiche nell'Isola d'Elba (*see* Bottini, A.)
Richerche elicomorfismo Ranunculus acer (Bég.) 20.737
Richerche intorno a Digitalis lutea (Bég.) 20.711
Richerche sulla vegetazione steppica della Valle Venosta (Bég.) 20.753
Risultati campagna botanica Colli Berici (Bég.) 20.714
Riv. crit. Trifolium, Galearia (Belli) 20.815
Riv. crit. Trifolium, Lupinaster (Belli) 20.817
Rivista critica "Trifolium" sezione Lupinater (Belli) 20.817
Rivista critica Trifolium italiane sezioni Galearia - Paramesus - Micrantheum (Belli) 20.815
Rivista Trifolium italiane (Belli) 20.812
Rivista Trifolium italiani sezione Chronosemum (Belli) 20.813
Riv. Trifol. ital. (Belli) 20.812
Role of aquatic vegetation in the biology of Indian waters (Biswas) 21.352
Rosa Belgradensis (Borbás) 22.097
Rose (Bel) 20.802
Rosenvingea stellata (Børgesen) 21.806
Roses d'Europe de l'Herbier Crépin (Boulenger) 22.395
Roses des Alpes (Bouvier) 22.442
Rubi discolores (Boulay) 22.393
Rubi praesertim Galliae exsicc. (*see* Boulay, N., Bouly de Lesdain, M.)
Rubus de l'Anjou (Bouvet) 22.436
Rügen (Birger) 21.320
Rumex obovatus var. cordatus (C.H. Blom) 21.581
Ruscus-Phyllocladium (Bernátzky) 21.011
Ruthea (Bolle) 21.917
S. Afr. fl. (Bolus) 21.940
Saggio fl. colli Euganei (Bég.) 20.718
Saggio sulla flora colli Euganei (Bég.) 20.718
Salicornia strictissima (C.H. Blom) 21.584

Salix daphnoides x argenteo-repens (Bolle) 21.919
Samandura of Samadera (Boerl.) 21.827
Savanes équatoriales de l'Amérique du Sud (Bouillenne) 22.371
Saxifragées du Japon (H. Boissieu) 21.876
Sceletonema subsalsum (Bethge) 21.230
Schedae ad "Floram Romaniae exsiccatam" (*see* Borza, A.)
Schets. nutt. Ind. Pl. (*see* 21.834, Boerlage, J.G.)
Schimmelpilze als Pflanzenparasiten (Blochwitz) 21.551
Schimmels op dieren (Boedijn) 21.736
Schlüssel zum Bestimmen aller in der Schweiz wild wachsenden Blüten-Pflanzen (Beust) 21.240
Schlüss. Schweiz Bl.-Pfl. (Beust) 21.240
Schmarotzernatur der Mistel (Boehm) 21.741
Schul-Fl. Bochum (Beyse) 21.260
Schulfl. Ingolstadt (J. Bleicher) 21.530
Schul-Flora von Bochum (Beyse) 21.260
Schulflora von Ingolstadt und Umgebung (J. Bleicher) 21.530
Schul- und Exkursionsflora für die Schweiz (*see* Becherer, A.)
Schwärzepilze erz. Pflanzenkrankh. (P.C. Bolle) 21.932
Schwed.-chin. Exp. China (Borge) 22.151
Schwedisch-chinesische wissenschaftliche Expedition nach den nordwestlichen Provinzen Chinas Algen (Borge) 22.151
Scirpus parvulus (C.E.V. Boldt) 21.907
Sclérot. cord. mycél. (C. Bommer) 21.956
Sclérotes et cordons mycéliens (C. Bommer) 21.956
Scorzonera austriaca (Bech.) 20.554
Scrophularien der Canarischen Inseln (Bolle) 21.916
Seconda aggiunta alla Flora Veneta (*see* 21.387)
Secondary tracheides in Psilotum (Boodle) 22.072
Secondary Xylem in Psilotum (Boodle) 22.074
Seed disp. (Beal) 20.465
Seed dispersal (Beal) 20.465
Selected rules of botanical nomenclature (Bessey) 21.212
Selectio novorum muscorum 1891 (Besch.) 21.180
Selectio novorum muscorum 1894 (Besch.) 21.185
Senecio Murrayi (Bornm.) 22.203
Sermo de Robigine tritici (G. Bertol.) 21.110
Serratula Aznavouriana (Bornm.) 22.215
Sexual dimorphism in Cunninghamella (Blakeslee) 21.466
Sexual dimorphism in Mucorales (Blakeslee) 21.472
Sexual reproduction in the Mucorineae (Blakeslee) 21.455
Sexuality in Mucors (Blakeslee) 21.464
Sexuality of Polyporus ostreiformis (Bose) 22.319
Sfagnologia italiana (Bott.) 22.339
Shore vegetation of the Danish West Indian Islands (Børgesen) 21.788
Shrubs of Michigan (*see* Billington, C.)
Siber. Chlorophyllophycé-Fl. (Borge) 22.135
Siberiens Chlorophyllophycé-Flora (Borge) 22.135
Silver ferns of Simla (Blanf.) 21.488
Simblum periphragmoides (Boedijn) 21.703
Sisymbrium Kneuckeri (Bornm.) 22.205
Six new South American species of Verbesina (S.F. Blake) 21.437
Sixty years Bot. Brit. (Bower) 22.476
Sixty years of botany in Britain (Bower) 22.476
Size and form in plants (Bower) 22.475
Size form pl. (Bower) 22.475
Size, a neglected factor in stelar morphology (Bower) 22.472
Size, in stelar morph. (Bower) 22.472
Skandinaviens växtfamiljer (Bjurzon) 21.391
Skand. växtfam. (Bjurzon) 21.391
Sketch of the flora of South Africa (Bolus) 21.934
Sketch of the floral regions of South Africa (Bolus) 21.938
Sketch of the vegetation of the Aka Hills, Assam (*see* Bor, N.L.)
Skovbundsstudier (Bornebusch) 22.162
Smilac. struct. (Th. Beinling) 20.797
Smut of Hypolytrum (Boedijn) 21.731
Solana africana (Bitter) 21.372
Some Alg. Arab. sea (Børgesen) 21.810
Some beautiful Indian climbers and shrubs (*see* Bor, N.L.)
Some beautiful Indian trees (Blatt.) 21.526
Some horticultural fern variations (Benedict) 20.837
Some marine algae from Ceylon (Børgesen) 21.812
Some marine algae from the Arabian sea (Børgesen) 21.810
Some new species from Western ghats (Blatt.) 21.522
Sopra una Lophiostoma (Berl.) 20.969

Sopra una nuova specie italiana di Tazetta (Bolle) 21.920
Sötvattens-alger Grönland (Boldt) 21.912
South African flowers (Bolus) 21.940
South African phytogeography (Bews) 21.245
Species Hesperidium Hungariae (Borbás) 22.112
Species novae et minus cognitae (*see* Bouché, C.D.)
Species of Avrainvilleas (Børgesen) 21.785
Species of Copaifera from Texas Eocene (E.W. Berry) 21.044
Species of Sargassum (Børgesen) 21.798
Species problem in Datura (Blakeslee) 21.473
Specim. bot. Coniferis (P. de Boer) 21.755
Specimen botanicum inaugurale de Coniferis Archipelagi indici (P. de Boer) 21.755
Spec. lichenogr. brit. (*see* Borrer, W.)
Spergula vernalis var. palaeomachica (W. Becker) 20.670
Spermatophytes in Venezuela (S.F. Blake) 21.411
Sphagnum en sphagnetum (W. Beij.) 20.785
Spigolature briologiche (Bott.) 22.336
Spiselige svampe spiselige lavarter (A. Blytt) 21.625
Spis. svampe lavarter (A. Blytt) 21.625
Spondylomoraceen-Gattung Chlamydobotrys (Behlau) 20.756
Spring flora Piedmont (H.L. Blomq.) 21.590
Spring fl. Piedmont (H.L. Blomq.) 21.590
Sp. Sargassum (Børgesen) 21.798
Standorte der Farrn auf den Canarischen Inseln (Bolle) 21.918
Standorte und geographische Verbreitung der Schimmelpilze (Blochwitz) 21.552
Statistique végétale des environs d'Avesnes (Bonnet) 22.037
Status of Chaenocephalus (S.F. Blake) 21.428
Status of the British rose forms (K.B. Blackburn) 21.399
Steenroode wortelschimmel (Boedijn) 21.739
Steinzellenkonkretionen (Bitter) 21.369
Steppenheidepflanzen in Oberschwaben (Bertsch) 21.153
Sterility of pollen in Datura (Blakeslee) 21.470
Stilbothamnien Penicilliopsis-Arten (Blochwitz) 21.555
Stipes d'Asterochloena laxa (P.C.E. Bertrand) 21.145
Stirpes novae (Bellardi) 20.810
Stockfäule der Fichte (*see* 21.669)
Stockholms växter (*see* Birger, S.B.G.)
Storia delle piante forastiere (Bordiga) 22.119
Storia piante forast. (Bordiga) 22.119
Structure and classification of the Siphonales (Bessey) 21.207
Structure de la tige dans les mousses Philonotis (Besch.) 21.162
Structure of the leaves of the Bracken (Boodle) 22.073
Stud. Alggrupp. Conferv. (Bohlin) 21.850
Stud. bark. Conif. stam (Borgman) 22.154
Stud. Dimorph. Ranunc. Fic. (Berg) 20.899
Stud. ecol. evol. Angiosp. (Bews) 21.249
Stud. fitogeogr. anfiteatro moren. (Bolzon) 21.950
Studi algologici (Borzi) 22.300
Studi citologici sui funghi (Berl.) 20.985
Studi gen. Bellis (Bég.) 20.747
Studi i ricerche sulla flora dei colli Euganei (Bég.) 20.713
Studi sul "Bellis" (Bég.) 20.747
Studi sulla forma del seme Ampelidee (Berl.) 20.982
Studi sulle Mixoficee (Borzi) 22.307
Studien über Dimorphismus Ranunculus Ficaria (Berg) 20.899
Studier öfver Alggruppen Confervales (Bohlin) 21.850
Studier öfver barkens inre bygnad i Coniferernas stam (Borgman) 22.154
Studier öfver Mossornas Andreaeaceae (Berggr.) 20.932
Studies ecological evolution Angiosperms (Bews) 21.249
Studies in Sisyrinchium (E.P. Bicknell) 21.272
Studies in the phylogeny of the Filicales, Plagiogyria (Bower) 22.465
Studies North-Atlantic Heath-Formation (Böcher) 21.677
Studies on the vegetation of the East Coast of Greenland (Böcher) 21.674
Studii sulla sessualità degli Ascomiceti (Borzi) 22.295
Studio fitogeografico sull' anfiteatro morenico di Ivrea (Bolzon) 21.950
Studio monografico del genere "Raphia" (Becc.) 20.534
Studio sui "Borassus" (Becc.) 20.541
Stud. Mossorn., Andreaeaceae (Berggr.) 20.932
Stud. N. Atl. Heath-Form. (Böcher) 21.677
Stud. veg. E. Coast Greenl. (Böcher) 21.674
Subaerial algae of Barkuda Island (Biswas) 21.346
Subdivision de la Section Eubatus (Boulay) 22.391

Subfamiliae Arecoidearum Palmae (Becc.) 20.552
Subfossiele plantenresten in de terpen van Friesland (W. Beij.) 20.784
Subfossila sötvattensalgar från Gotland (Borge) 22.137
Subfoss. plantenrest. terpen (W. Beij.) 20.784
Suffolk fungi (Bloomfield) 21.594
Sugar maples C. Mich. (Beal) 20.464
Sugar maples of Central Michigan (Beal) 20.464
Suikerriet uit zaad (Benecke) 20.830
Sukkulente Euphorbien (A. Berger) 20.918
Sukkul. Euphorb (A. Berger) 20.918
Sul parasitismo dei funghi (A. Bertol., Jr.) 21.108
Sull'abbandono del museo (Becc.) 20.516
Sull'importanza di nuove esplorazioni briologiche in Italia (Bott.) 22.335
Sulla Brassica palustris (Bég.) 20.726
Sulla briologia di Corfù (Bott.) 22.337
Sulla flora briologica dell' Arcipelago Toscano (Bott.) 22.332
Sulla flora della provincia di Bari (*see* 21.338)
Sulla Quercus Robur (Becc.) 20.518
Sullo sviluppo di alcuni Ifomiceti (Berl.) 20.975
Sumpforchideen in Württemberg (Bertsch) 21.154
Superposition chez Boletus edulis (Biers) 21.285
Superposition chez les champignons (Biers) 21.286
Supplement to the flora of Montana (Blank.) 21.495
Supplemento generale "Catalogo delle piante vascolari del Veneto" (Bolzon) 21.949
Supplemento micologico alla flora veneta crittogamica (*see* Bizzozero, G.)
Suppl. fl. Montana (Blank.) 21.495
Sur l'anatomie des feuilles des plantes arctiques (*see* 21.762)
Sur l'embryogénie de quelques plantes parasites (C. Bernard) 20.995
Sur la détermination des Rivulaires (Bornet) 22.171
Sur la distribution géographique des Ulmacées (C. Bernard) 20.997
Sur la flore des Aravis (Beauverd) 20.474
Sur la flore des environs de Modane (Beauverd) 20.487
Sur la longévité et l'accroissement des arbres (Berthel.) 21.080
Sur la synonymie de deux Amaranthes (Boreau) 22.125
Sur le Barbula ruralis (*see* 21.161)
Sur le décroissement des forêts à Maurice (Bouton) 22.428
Sur le développement de quelques champignons (Berl.) 20.981
Sur le sac embryonnaire d'Helosis guyanensis (C. Bernard) 20.994
Sur les Anemone uralensis et fischeriana (Bech.) 20.568
Sur les différentes formes des fleurs (Bonnier) 22.047
Sur les Grenadilles ou Passionaires (Bory) 22.289
Sur quelques Algues unicellulaires (C. Bernard) 21.001
Sur quelques plantes de la Nouvelle-Calédonie (Bonati) 21.979
Sur un nouveau genre de la famille des Hépatiques (Bory) 22.290, *see* Bory de Saint-Vincent, J.B.G.
Sur une anomalie des fruits de Carica Papaya (C. Bernard) 20.999
Sur une collection d'Algues marines recueillies à une profondeur remarquable (Børgesen) 21.814
Sur une nouvelle espèce d'Agaric (Bellardi) 20.809
Süssw.-algen Süd-Patagonien (Borge) 22.143
Süsswass.-Fl. Spitzb. (Borge) 22.148
Süsswasser-Bacillariaceen Süd-Westlichen Russlandes (I.G. Borshch.) 22.287
Süsswasser-Chlorophyceen Kihlman (Borge) 22.139
Süsswasseralgen aus den Stockholmer Schären (*see* 22.145)
Süsswasseralgen aus Süd-Patagonien (Borge) 22.143
Süsswasseralgen von Franz Josefs-Land (Borge) 22.142
Süsswasseralgenflora Spitzbergens (Borge) 22.148
Süsswasserflora (*see* Borge, O.F.)
Süssw.-Bacillar. S.W. Russl. (I.G. Borshch.) 22.287
Svenska Fodervexter, exsiccatae of fodder-plants (*see* Bjurzon, J.)
Sylloge plantarum horti botanici Bononiensis (*see* 21.098)
Symb. Caryoph. Melanth. (Borbás) 22.092
Symbiose et parasitisme (Blaringhem) 21.509
Symbolae (*see* Bennett, A.W., Böckeler, O., 21.760)

Symbolae ad "Caryophylleas" et "Melanthaceas" (Borbás) 22.092
Symbolae ad floram aestivam insularum arbe et veglia (Borbás) 22.093
Symbolae ad Floram anatolicam (Bornm.) 22.266
Symbolae ad pteridographiam et Characeas Hungariae (Borbás) 22.091
Symbolae Antillanae (*see* Beccari, O.)
Symbolae Thymos Europae mediae (Borbás) 22.105
Syn. anal. pl. Bouch.-Rhône (Bouisson) 22.376
Syn. Dalbergieae (Benth.) 20.875
Synopsis analytique des plantes des Bouches-du-Rhône (Bouisson) 22.376
Synopsis Hymenophyllacearum (*see* Bosch, R.B.v.)
Synopsis of Dalbergieae (Benth.) 20.875
Synopsis of plant phyla (Bessey) 21.208
Synopsis of the conjugate algae, Zygophyceae (Bessey) 21.213
Syst.-Bot. Bilder-Atl. (F. Boas) 21.649
Syst. Einth. Conif. (Beissn.) 20.799
System der Blätterpilze (Beck) 20.625
Systematic enumeration of the species of Calamus (Becc.) 20.522
Systematic plant studies (*see* 21.434)
Systematic position of Ficus Krishnae (Biswas) 21.356
Systématique des formes (Beauverie) 20.497
Systematisch-Botanischer Bildatlas (F. Boas) 21.649
Systematische Bearbeitung der Viola alpina (W. Becker) 20.661
Systematische Behandlung der Viola arvensis (W. Becker) 20.658
Systematische Behandlung der Viola[e] calcarata und lutea (W. Becker) 20.659
Systematische Eintheilung der Coniferen (Beissn.) 20.799
Systematische Gruppierung von Oenothera (Boedijn) 21.689
Systematische Uebersicht der Flechten Galiziens (Boberski) 21.650
Systematisch-tabellarische Sammlung von Laubmoosen (*see* Blandow, O.C.)
Syst. enum. sp. Calamus (Becc.) 20.522
Syst. nat. epitom. (*see* Beckmann, J.)
Szilicei és barkai jégbarlangok növényzete (Boros) 22.281
Tabellen zum mikroskopischen Arbeiten (W.J. Behrens) 20.774
Tab. mikrosk. Arb. (W.J. Behrens) 20.774
Tab. pl. Jav. Orchid. (*see* Blume, C.L.)
Tableau synoptique d'Orchidées cultivées (Bois) 21.863
Tableaux synoptiques des plantes vasculaires de la Flore de la France (Bonnier) 22.056
Tabl. syn. pl. vasc. France (Bonnier) 22.056
Taschenatlas der Schweizer Flora (*see* Becherer, A.)
Taschenfl. Bromberg (Wilhelm Bock) 21.661
Taschenflora von Bromberg (Wilhelm Bock) 21.661
Taveplanter (Børgesen) 21.787
Taxonomic review of currants and gooseberries (A. Berger) 20.923
Taxonomy and nomenclature of Eucalypts (*see* 21.452)
Taxonomy of Scytonema (Bhâradwâja) 21.264
Taxon. rev. currants gooseberries (A. Berger) 20.923
Techn. Gesch. Pfl. (Boehm.) 21.747
Technische Geschichte der Pflanzen (Boehm.) 21.747
Temperaturresistenz von Meeresalgen (Biebl) 21.279
Tentamen alterum filices (*see* 21.016)
Tert. fl. Rio Pichileufu (E.W. Berry) 21.077
Tertiary flora from Rio Pichileufu (E.W. Berry) 21.077
Text-book mycol. (E.A. Bessey) 21.220
Textbook of botany (*see* Bennett, A.W.)
Text-book of mycology (E.A. Bessey) 21.220
Textil. vég. (Beauverie) 20.496
Textiles végétaux (Beauverie) 20.496
Theorie der wechselnden kontinentalen und insularen Klimate (*see* 21.629)
Théorie du faisceau (C.E. Bertrand) 21.127
Theorien kont. insul. Klimater (A. Blytt) 21.629
Theorien norske floras (A. Blytt) 21.644
Theorien om vexlende kontinentale og insulare Klimater (A. Blytt) 21.629
Theor. norske fl. (A. Blytt) 21.644
Theory of the strobilus (Bower) 22.454
Thesaurus rei herbariae (*see* Boehmer, G.R.)
Thlaspi-Arten des Orients (Bornm.) 22.256
Thread blight on Hevea (Boedijn) 21.692
Three new Compositae from Bolivia (S.F. Blake) 21.424
Tierische Schädlinge an Nutzpflanzen (*see* Börner, C.J.B.)
Tillägg till Pajala sockens flora (*see* 21.314)
Topographical botany (*see* Bennett, A., Bloxam, A.)
Topographie botanique de Tournefort (Bonnet) 22.010

Torsion Steng. Psilotum Bernh. (Beekman) 20.689
Tourist's Guide to the flora of the Alps (*see* Bennett, A.W.)
Traité de l'éducation des Vers à Soie et de la culture du Mûrier (*see* 21.967)
Traité des plantes médicinales (Bossu) 22.327
Traité élémentaire de botanique (*see* 20.772)
Traité pl. méd. (Bossu) 22.327
Transformations (Blaringhem) 21.505
Travaux bryologiques de Prost (Boulay) 22.382
Treatise mat. med. (Bigelow) 21.292
Treatise on the materia medica (Bigelow) 21.292
Tree ancestors (E.W. Berry) 21.062
Trees and shrubs of Western Oregon (G.T. Benson)) 20.869
Trees in winter (Blakeslee) 21.462
Trees shrubs W. Oregon (G.T. Benson) 20.869
Treub Laboratory investigations Mycetozoa, Fungi & Lichenes (Boedijn) 21.725
Trifolium subterraneum (Belli) 20.816
Trisonic inheritance in the Poinsettia mutant of Datura (Blakeslee) 21.467
Triticum monococcum x Triticum dicoccum (Beij.) 20.779
Trochobryum (Beck) 20.581
Trois nouvelles espèces d'Ascobolés (Boud.) 22.352
Trop. Süssw. Chlorophyc. (Borge) 22.141
Truffe (H. Bonnet) 22.045
Tuberales of the Netherlands Indies (Boedijn) 21.738
Tubicaulis Berthieri (C.E. Bertrand) 21.138
Tulipa Straussii (Bornm.) 22.229
Turquie d'Europe (*see* Boué, A.)
Twelve new American Asteraceae (S.F. Blake) 21.429
Two conidia-bearing fungi (Blakeslee) 21.457
Two crustaceous brown algae (Børgesen) 21.796
Two fossil species of mosses (Boros) 22.274
Two genera of algae new to Bermuda (L.R. Blinks) 21.546
Two interesting Queensland Eucalypts (Eucalyptus) 21.451
Two new Asteraceae (S.F. Blake) 21.444
Two new Asteraceae from Mexico (S.F. Blake) 21.436
Two new Malaysian genera of Discomycetes (Boedijn) 21.721
Two new Salvias from Guatemala (S.F. Blake) 21.418
Two new species of Letterwood (S.F. Blake) 21.423
Two new species of Sanicula (E.P. Bicknell) 21.271
Two new species of Sciaphila (S.F. Blake) 21.427
Two new species of Stigonema (F.N. Blanch.) 21.479
Two species of Scinaia (Børgesen) 21.815
Type specimens of certain Hysteriales (Bisby) 21.335
Types of hair in the wallflower (Boodle) 22.078
Über Brutknospen- und Gabelbildung an Wedeln von Phyllitis hybrida (Bornm.) 22.239
Über das Vorkommen des Stigmatomyces Baerii (Beck) 20.607
Über das Vorkommen eines Schleuderorganes (Beer) 20.692
Über das Vorkommen von Delia segetalis (Bech.) 20.560
Über die Anatomie der Blattorgane einiger Polypodiaceen (Benze) 20.892
Über die Bedeutung der Karstflora (Beck) 20.612
Über die Bedingungen der Farbbildung bei Fusarium (E.A. Bessey) 21.217
Über die Bestandtheile der Blüthen von Arnica montana (*see* Börner, C.J.B.)
Über die Bodenvegetation im Staatsrevier Evois (Björkenheim) 21.388
Über die Stammpflanzen der Flores Chrysanthemi (Beger) 20.696
Über die systematische Gliederung der Gattung Aloë (A. Berger) 20.914
Über eine neue Haematococcusart (Blochm.) 21.548
Über eine seltene Euphorbia-Art (Bernátzky) 21.013
Über eine verkannte Geum-Art (Bornm.) 22.214
Über einige mediterrane Elemente der Ungarischen Moosflora (Boros) 22.282
Über einige Vulpia-Arten (C.H. Blom) 21.580
Über endozoische Samenverbreitung durch Vögel (Birger) 21.319
Über fadenförmige Gebilde in Moosblättern (Boresch) 22.131
Über Pflanzenarten und deren Umwandlung (Beck) 20.618
Über Rhopalomyces elegans (Boedijn) 21.694
Über zwei Kalktuffbildungen in Gudbrandsdalen (Norwegen) (*see* 21.639)
Übers. Geum (F. Bolle) 21.930
Übersicht Geum (F. Bolle) 21.930

Ueber Alopecurus pratensis L. var. glaucus (*see* 21.657)
Ueber das Prothallium und den Embryo von Azolla (*see* 20.936)
Ueber den Formenkreis der Viola lutea (W. Becker) 20.655
Ueber den Wechsel im Artenbestand der Flora zwischen Jade und Dollard (Bielef.) 21.281
Ueber die Bastarde der Veilchen-Arten (Bethke) 21.233
Ueber die Bastarde zwischen Triticum monococcum und Triticum dicoccum (Beij.) 20.780
Ueber die baumlosen Gegenden der Continente (*see* Boué, A.)
Ueber die Befruchtung bei den Perenosporen (Berl.) 20.986
Ueber die Gefäss-Cryptogamen Westfalens (C. Berthold I) 21.082
Ueber die genetischen Beziehungen zwischen Sporen- und Samenpflanzen (Beck) 20.601
Ueber die geographische Verbreitung der Coniferen (Th. Beinling) 20.798
Ueber die Keimung der Brutknospen von Lunularia cruciata (W. Benecke) 20.832
Ueber die Torsion des Stengels von Psilotum Bernhardi (Beekman) 20.689
Ueber die Umgrenzung der Pflanzenformationen (Beck) 20.605
Ueber die Variabilität einiger Laubflechten (Bitter) 21.365
Ueber die wilde Kartoffel von Mexico (Bouché) 22.344
Ueber Ostindische Melastomaceen (Blume) 21.605
Ueber einige Phragmosporen Dematiazeen (Boedijn) 21.711
Ueber farblose Diatomeen der Kieler Föhrde (W. Benecke) 20.831
Ueber Formen in Luzula (Beyer) 21.255
Ueber Limodorum abortivum (G. Becker) 20.645
Ueber Linum Leonii (Beyer) 21.254
Ueber maschenförmige Durchbrechungen (Bitter) 21.360
Ueber Regeneration bei den Selaginellen (J. Behrens) 20.767
Ueber Saison-Dimorphismus im Tier-und Pflanzenreich (Behrendsen) 20.764
Ueber Taraxacum- und Glycyrrhiza-Arten (A.K. Becker) 20.641
Ueber tropische und subtropische Süsswasser-Chlorophyceen (Borge) 22.141
Ueber Variationen der Blüten (*see* 21.499)
Ueber Wechsellagerung und deren mutmassliche Bedeutung für die Zeitrechnung (*see* 21.634)
Ueber zwei für die Flora von Makaronesien neue Arten der Gattung Umbilicus (Bornm.) 22.202
Uebers. Mecklenb. Moose (Blandow) 21.487
Uebersicht der bis jetzt bekannten Formen von Calluna vulgaris (W. Beij.) 20.788
Uebersicht der Mecklenburgischen Moose (Blandow) 21.487
Uebersicht der Reisen und naturhistorischen Untersuchungen im Aralo-Kaspi-Gebiet (M. Bogdanow) 21.846
Uebersicht Kryptogamen Niederösterreichs (Beck) 20.584
Uebersicht Theobroma (Bernoulli) 21.022
Uitheemsche planten om Buitenzorg (Boerl.) 21.828
Ullfloran vid Lackalänga i Skåne (C.H. Blom) 21.577
Umkehrung der Pflanzenregionen in den Dolinen des Karstes (Beck) 20.611
Umwandlung von Blütenständen (J. Bormann) 22.159
Unders. mossfl. Disko-Bugten (Berggr.) 20.934
Undersökning af mossflora Disko-Bugten (Berggr.) 20.934
Ungarischen Inula-Arten (Borbás) 22.102
Unterird. Rhizomorph. (*see* Bischoff, G.W.)
Unters. anat. Bau Impatiens (Beyse) 21.259
Unters. Bau Griff. Narbe (W.J. Behrens) 20.768
Unters. fleisch. Phan.-Wurz. (O. Bloch) 21.547
Unters. foss. Hölzer Grönl. (Beust) 21.241
Unters. Gallertflecht. Pannariac. (Billing) 21.297
Unters. Marchantiac (Bergdolt) 20.904
Unters. Stereum (Bergenthal) 20.912
Unters. Steril. Prunac. (K.E. Becker) 20.649
Untersuchung über die Lebensfähigkeit von Uredosporen von Puccinia glumarum (Johanna Becker) 20.648
Untersuchung über fossile Hölzer aus Grönland (Beust) 21.241
Untersuchungen Bau des Griffels und der Narbe (W.J. Behrens) 20.768
Untersuchungen der Gattung Stereum (Bergenthal) 20.912
Untersuchungen Gallertflechten und Pannariaceen (Billing) 21.297
Untersuchungen über das Teichplankton (Bethge) 21.232

Untersuchungen über den anatomischen Bau Impatiens (Beyse) 21.259
Untersuchungen über den Aufbau einiger Algen (*see* 21.084)
Untersuchungen über die Verbreitungsmittel von gesteinsbewohnenden Flechten (P. Beckm.) 20.683
Untersuchungen über die Verzweigung einiger Süsswasseralgen (Berthold) 21.084
Untersuchungen über die Verzweigung fleischiger Phanerogamen-Wurzeln (O. Bloch) 21.547
Untersuchungen über Marchantiaceen (Bergdolt) 20.904
Untersuchungen über Solanaceen (Bitter) 21.375
Untersuchungen über Sterilität bei Prunaceen (K.E. Becker) 20.649
Unters. Uredosp. Puccinia glum. (Johanna Becker) 20.648
Unters. Verbr.-Mittel Flecht. (P. Beckm.) 20.683
Unters. Verzweig. Süsswasseralg. (Berthold) 21.084
Unusual Ascomycete (Bonar) 21.976
Upper cretac. eoc. fl. S. Carol. (E.W. Berry) 21.041
Upper cretaceous and eocene floras of South Carolina and Georgia (E.W. Berry) 21.041
Upper cretaceous floras of the Eastern Gulf region (E.W. Berry) 21.055
Uredinales of Indonesia (*see* Boedijn, K.B.)
Urformen der Aspergillen (Blochwitz) 21.554
Uses of plants (Boulger) 22.399
Uses pl. (Boulger) 22.399
Utbredningen af Scirpus parvulus (Birger) 21.328
Utkast gröna algernas fylogeni (Bohlin) 21.853
Utk. gröna alg. fylog. (Bohlin) 21.853
Utoft hedeplantage (Børgesen) 21.777
Vahea madagascariensis (Bojer) 21.898
Valonia and Halicystis (L.R. Blinks) 21.545
Variabilität und Vererbung bei Schimmelpilzen (Blochwitz) 21.556
Variat. climate (A. Blytt) 21.635
Variation des formes végétales (Blaringhem) 21.502
Varietas typica (F. Bolle) 21.931
Varietät des Arrhenatherum elatius (*see* 21.657)
Varietates Bursae pastoris (Borbás) 22.109
Vascular structure of Gleichenia (Boodle) 22.079
Växtgeografiska anteckningar till Nyköpingstraktens fanerogamflora (C.H. Blom) 21.569
Växtlokaler från Norrland och Dalarna (Birger) 21.324
Växtlokaler från Skåne (Birger) 21.322
Veg. Ant. Danois (Børgesen) 21.770
Veg. Cöthen und Elbe (Bensemann) 20.868
Veg. dansk-vestind. Øer (Børgesen) 21.765
Vegetacion uruguaya (Berro) 21.027
Vegetation and environment (*see* Billings, W.D.)
Végétation aux environs de Montpellier (Louis Blanc) 21.476
Vegetation bei Port Stanley (Birger) 21.317
Vegetation der letzten Interglazialperiode (Beck) 20.617
Végétation des Antilles Danoises (Børgesen) 21.770
Vegetation des Gebietes zwischen Cöthen und der Elbe (Bensemann) 20.868
Végétation des halophytes (*see* 21.770)
Végétation des taillis et des bois (*see* 21.770)
Végétation du Sud-ouest de Madagascar (*see* Bois, D.)
Vegetation of Cranbrook Lake Bottom (Billington) 21.302
Vegetation und Flora Rumäniens (Borza) 22.291
Vegetatione dei Monti di Porretta (G. Bertol.) 21.113
Vegetationen i Dansk Vestindien (Børgesen) 21.792
Vegetationen och floran i Pajala socken (Birger) 21.314
Vegetationsbild aus Arizona (Blumer) 21.611
Vegetationsbilder (*see* Bessey, E.A.)
Vegetationsbilder aus Dalmatien (Beck) 20.606
Vegetationsstudien in den Ostalpen (Beck) 20.614
Vegetationsverhältnisse der illyrischen Länder (*see* Beck, G.)
Vegetationsverhältnisse der Lavanttaler Alpen (Benz) 20.890
Vegetative reproduction in Erythronium (Blodgett) 21.563
Végétaux (Bois) 21.869
Végétaux antiques Musée Égyptien Florence (Bonnet) 22.024
Végétaux fruitiers (Bois) 21.862
Vegetazione delle Isole liguri (Bég.) 20.733
Vegetazione Isole Tremiti (Bég.) 20.736
Veget.-Stud. Ostalpen (Beck) 20.614
Veg. fl. Pajala socken (Birger) 21.314
Veg. Fl. Rumän. (Borza) 22.291
Veg.-forhold. Sognefjord (A. Blytt) 21.623
Veg. Isole Liguri (Bég.) 20.733

Veg.-Verh. Lavanttaler Alp. (Benz) 20.890
Veilchen der bayerischen Flora (W. Becker) 20.654
Verbascum-hybr. (Blomq.) 21.592
Verbascum-hybrider (Blomq.) 21.592
Verbreitung mediterranen, illyrischen und mitteleuropäisch-alpinen Flora im Isonzo-Tale (*see* 20.614)
Vergl. Anat. Cinnamom.-Rind. (Birnstiel) 21.332
Vergl.-anat. Unters. Schweiz. Junc. (J. Blau) 21.528
Vergl. Anat. Veg.-Org. (*see* Bower, F.O.)
Vergleichend-anatomische Untersuchung der schweizerischen Juncus-Arten (J. Blau) 21.528
Vergleichend-morphologische Untersuchungen über die Blattformen der Ranunculaceen und Umbelliferen (Bitter) 21.359
Vergleichende Anatomie der Cinnamomumrinden (Birnstiel) 21.332
Vergleichung der Floren des Westindischen und Ostindischen Archipels (A. Bernard) 20.993
Vergl. Fl. Westind. Ostind. Archip. (A. Bernard) 20.993
Vergl. morph. Unters. Blattform (Bitter) 21.359
Verkl. karakt. veget. (P. de Boer) 21.757
Verklaring van het karakter der vegetatie (P. de Boer) 21.757
Vers. Monogr. China (H. Bergen) 20.910
Versuch einer Classification der Farne (Beer) 20.693
Versuch einer Gliederung des Formenkreises der Caltha palustris (Beck) 20.582
Versuch einer Monographie der China (H. Bergen) 20.910
Versuche über die Lebensdauer der Moossporen (M. Bernstein) 21.024
Verzamelde Geschriften (*see* Beijerinck, M.W.)
Verz. Bibl. Blume (Blume) 21.608
Verzeichnis der bekannten Arten der Gattung Cousinia (*see* 22.228)
Verzeichnis der nachgelassenen Bibliothek Carl Ludwig Blume (Blume) 21.608
Verzeichnis der ostfriesischen Inselflora (Beger) 20.695
Verzeichnis der Pflanzennamen der Lavanttaler Alpen (Benz) 20.891
Verzeichnis der seit C. Winklers Mantissa 1897 publicierten neuen Arten u. Varietäten der Gattung Cousinia (*see* 22.228)
Verzeichnis Sumatra Mycetozoa (Boedijn) 21.698
Verzeichniss der Phanerogamen- & Kryptogamen-Flora von Bremgarten (J. Boll) 21.914
Verzeichniss der um Sarepta wild wachsenden Pflanzen (*see* 20.632)
Verz. ostfries. Inselfl. (Beger) 20.695
Verz. Phan.- Krypt.-Fl. Bremgarten (J. Boll) 21.914
Vexell. betydn. tidsregn. (A. Blytt) 21.634
Viaggio di S.M. Federico Augusto re di Sassonia (*see* Biasoletto, B.)
Vicia sativa (Bochkoltz) 21.658
Victorian ferns (R.W. Bond) 21.989
Vierter Beitrag zur Kenntnis der Gattung Dionysia (Bornm.) 22.212
Viola cavillieri (W. Becker) 20.653
Viola dans l'herbier de Buitenzorg (H. Boissieu) 21.889
Viola de Chine (H. Boissieu) 21.881
Viola diversifolia (W. Becker) 20.656
Viola in Kamtschatka (W. Becker) 20.676
Viola montana (C.H. Blom) 21.582
Viola splendida et Viola Sieheana (W. Becker) 20.651
Violae Europaeae (W. Becker) 20.666
Violae exsiccatae germanicae, austo-hungariae et helvetiae (*see* Becker, W.)
Violae novae balcanicae (W. Becker) 20.677
Violae novae praecipue Asiaticae (W. Becker) 20.671
Violen der Philippinen (W. Becker) 20.674
Violen der Schweiz (W. Becker) 20.667
Viol. Europ. (W. Becker) 20.666
Viol. Schweiz (W. Becker) 20.667
Vita delle piante superiori nella Laguna di Venezia (Bég.) 20.744
Vita piante Laguna di Venezia (Bég.) 20.744
Vloed- of Mangrovebosschen in Ned.-Indie (J.H. Becking) 20.679
Vollständiges Handbuch der Blumengärtnerei (Bosse) 22.323
Vollst. Handb. Bl.-gärtn. (Bosse) 22.323
Volume jubilaire Hugo de Vries (*see* 21.697)
Von Dr. A. Löfgren in São Paulo gessammelten [sic] Süsswasseralgen (Borge) 22.149
Von Dr. F.C. Hoehne während der Expedition Roosevelt-Rondon gesammelten Süsswasseralgen (Borge) 22.150
Vorarbeiten Moosflora des Komitates Vas (Boros) 22.279
Vore Vestindiske Øer (Børgesen) 21.769, *see* Børgesen, F.C.E., 21.765)
Vormen en kleuren van Saccharum officinarum (*see* Benecke, F.)

Vosges (Bleicher) 21.531
Voyage aux montagnes du Morvan (Boreau) 22.120
Voyage en Indo-Chine et à Java (Bois) 21.866
Voyage of H.M.S. Blonde to the Sandwich Islands (*see* Bloxam, A.)
Voy. bot. Espagne (*see* Boissier, P.)
Voy. Morvan (Boreau) 22.120
Waarde onderz. plantenk. (P. de Boer) 21.756
Waarde van het vergelijkend onderzoek voor de plantenkunde (P. de Boer) 21.756
Wachau (Beck) 20.599
Wacholderbeeren mit entblössten Samen (Beck) 20.623
Wald und Haide (*see* 22.153)
Waldeszauber (Beck) 20.615
Waldschäden im oberschlesischen Industriebezirk (*see* Borggreve, B.R.A.)
Wanderings in the great forests of Borneo (*see* 20.521)
Wartburgstadt im Pflanzenschmucke (Bliedner) 21.543
Wartburgst. Pfl.-Schmucke (Bliedner) 21.543
Weeds Montana (Blank.) 21.492
Weeds of Montana (Blank.) 21.492
Weitere Beiträge zur Basler Flora (Bech.) 20.555
Weitere Beiträge zur Flora von Palaestina (Bornm.) 22.231
Weitere Beiträge zur Gattung Dionysia (Bornm.) 22.204
Weitere Beitr. Basler Fl. (Bech.) 20.555
Weitere Untersuchungen über die Gattung Acaena (Bitter) 21.371
Weiteres über die fortschreitende Verbreitung der Elodea canadensis (Bolle) 21.921
West Ind. Florid. (Børgesen) 21.791
West Indian Florideae (Børgesen) 21.791
White Mountain Willows (Bebb) 20.509
White variety of Polystictus sanguineus (Bose) 22.318
Wilcox Group at Meridian (E.W. Berry) 21.051
Wilcox Group Merid. (E.W. Berry) 21.051
Winter key to the trees of Eastern Tennessee (W.D. Billings) 21.299
Winterl's species "novae" (Bech.) 20.561
Wood (Boulger) 22.400
World Grasses (Bews) 21.250
World's grasses (Bews) 21.250
Wort zu Gunsten des Dendrologischen Gartens (Bolle) 21.923
Xerotropismo nelle felci (Borzi) 22.305
Xylariopsis (Boedijn) 21.718
Zadenatlas der Nederlandsche flora (*see* Beijerinck, W.)
Zellen- und Gewebelehre (*see* Benecke, W.)
Zoocécidies des Ptéridophytes (*see* 21.974)
Zur Anatomie einiger Palmenblätter (Bobisut) 21.656
Zur Anatomie und Physiologie von Padina Pavonia (Bitter) 21.361
Zur Bryophyten-Flora Kleinasiens (Bornm.) 22.258
Zur Charakterisierung der Stadt Erfurt (*see* Bernhardi, J.J.)
Zur Entstehung der Glarnerischen Alpenseen (S. Blumer) 21.612
Zur Feier des fünfzigjährigen Bestehens des Vereins zur Beförderung des Gartenbaues (Bolle) 21.922
Zur Flechtenflora Macedoniens (Bornm.) 22.253
Zur Flora des Libanon und Antilibanon (Bornm.) 22.234
Zur Flora des nördlichen Mesopotamiens (Bornm.) 22.242
Zur Flora des nördlichen Syriens (Bornm.) 22.241
Zur Flora des Rheintals (Bech.) 20.557
Zur Flora Persiens (Bornm.) 22.268
Zur Flora Tessins (Bornm.) 22.189
Zur Flora von Mazedonien (Bornm.) 22.267
Zur Flora von Montenegro (Bornm.) 22.262
Zur Flora von Oberbaiern (Bornm.) 22.188
Zur Flora von Palaestina (Bornm.) 22.227
Zur Gattung Centaurea (Bornm.) 22.248
Zur Kenntnis der Algen von Bosnien (Beck) 20.627
Zur Kenntnis der Aquilegiaarten (Borbás) 22.098
Zur Kenntnis der Berliner Adventivflora (Behrendsen) 20.759
Zur Kenntnis der Siphoneen und Bangiaceen (Berthold) 21.086
Zur Kenntnis der Torf bewohnenden Föhren (Beck) 20.585
Zur Kenntnis des Diagramms der Papaveraceae (Benecke) 20.828
Zur Kenntnis des Formenkreises von Poa alpina (Bech.) 20.569
Zur Kenntnis einiger orientalischer Teucrium-Arten (Bornm.) 22.250
Zur Kenntnis Teucrium-Arten der Section Chamaedrys (Bornm.) 22.255
Zur Kenntnis vegetabilischen Zelle (J. Behrens) 20.766
Zur Klärung der Viola Patrinii (W. Becker) 20.669

Zur Morphologie der Blütenstände von Euphorbia (Bodmann) 21.670
Zur Morphologie und Biologie einzelliger Algen (Bohlin) 21.852
Zur Morphologie und Systematik von Parmelia (Bitter) 21.364
Zur Morphologie von Microdictyon umbilicatum (Bitter) 21.362
Zur Naturgeschichte der Salvinie (Bisch.) 21.340
Zur Nomenklatur Sippen mitteleuropäischer Gefäßpflanzen (Bech.) 20.562
Zur Pilzflora Niederösterreichs (Beck) 20.576
Zur protoplasmatischen Anatomie der Rotalgen (Biebl) 21.277
Zur Soredienbildung (Bitter) 21.368
Zur Systematik der Mucorineen (Blochwitz) 21.553
Zur Variabilität der Eiche in der Mark (Bolle) 21.926
Zur Veilchenflora Tirols (W. Becker) 20.657
Zur Zytologie der Gattung Syringa (Borgenstam) 22.152
Zusammenhang zwischen den Chromosomen und Mutationen bei Oenothera Lamarckiana (Boedijn) 21.691
Zusammenh. Chromos. Mutat. Oenoth. Lam. (Boedijn) 21.691
Zwammenflora van Nederlandsch Indië (Boedijn) 21.727
Zwei neue Alectorolophus-Formen (Behrendsen) 20.762
Zwei neue Astragalus-Arten der Flora Persiens (Bornm.) 22.235
Zwei Violen aus Peru (W. Becker) 20.663
Zwölf neue Nepeta-Arten (Bornm.) 22.197
Zygospore formation a sexual process (Blakeslee) 21.456
Zygospore germinations in the Mucorinae (Blakeslee) 21.458
Zygospores Rhizopus nigricans (Blakeslee) 21.459

Index to Names

This index contains the names of authors, collectors, botanical explorers, patrons of botanists, botanical artists, and other collaborators, as well as personal surnames that have been immortalized in names of genera. The names of ships that carried exploring expeditions to remote parts of the world are included in this index too, because the user may only remember that much of the subsequent reports of the trip.

There are, however, a number of explanations and cautions:

(1) The abbreviations of author names are included in the index when they are really abbreviations, i.e. some letters or at least the initials of the first name(s) have been dropped. Such abbreviations are in *italics* and alphabetized as if they were complete words, including one or more initials, with the omission of punctuation and spaces. In this index the initials follow the abbreviation even though the abbreviation in the text is preceded by the initials.

(2) Names beginning with "Mc", or "Mac" are treated as if spelled "Mac" in combination with the rest of the name as one word (e.g. McDougall).

(3) Similarly, double names, whether hyphenated or not, names beginning with "Da", "De", "Des", "Do", "Du", "La", "Le", etc. are alphabetized as if they were one word under the first letter of the word ("Candolle" for "de Candolle" is one of the several exceptions where established usage is not conform to this convention). The same holds for Flemish and American names that begin with "Van". If there is chance of confusion in locating such names, the index lists also the last part of the names under the appropriate letter. Hyphenated double names are not, however, cross-referenced under the last part.

(4) Names of authors of publications cited in the biography/bibliography sections are omitted from this index.

(5) "Beccari, O. *20.510-20.552*" (italic number) refers to that part of the text just preceding the treatment of the title numbers 20.510-20.552. "Beccari, O. 21.661" (roman number) means there is a reference to O. Beccari in the information concerning title 21.661, which is by an author other than O. Beccari. "Hooker, J.D. *see* Beccari, O." indicates mention of J.D. Hooker in the author paragraphs under O. Beccari.

(6) An author's name with the notation "(*alph.*)" indicates a person who is included in the text for some reason but who did not publish items treated in this supplement ("Bourgeau, E. (*alph.*)").

(7) The notation *v.* is used to connect the abbreviation of a personal name with the name in full to explain the meaning of the abbreviation. It is also used as a means of cross-referencing double names, maiden names of married botanists who have published under both names, and names of authors who have used more than one name for their publications. Finally, when a name is frequently used with initial(s) differing from the correct one(s), or in case of different spellings of a name, *v.* is used to connect the various versions of the name.

Aeschiman, D. *see* Binz, A.
Agardh, C.-A. 22.177
Agassiz, L. *see* Beal, W.J., Boll, J.
Ainsworth, G.C. *see* Bisby, G.R.
Alabourette, M. 21.510
Allioni, C.L. *see* Bellardi, C.A.L.
Alluaud 21.970
Almeida, J.F. d' 21.521
Alston, A.H.G. 22.480
Amici, G. 21.093
Andersson, C.F.G. *see* Birger, S.B.G.
Andersson, S.B.G. *v.* Birger, S.B.G.
André, Ed. 21.859
Andreucci, A. 20.752
Antoine, F. 22.184
Apréval d' *see* d'Apréval
Arcangeli, G. *see* Bottini, A.
Arends, J.C. *see* Blume, C.L.
Arthur, J.C. *see* Bisby, G.R.
Ascherson, P.F.A. 21.928; *see* Bitter, [F.A.] G., Bohnstedt, A.R., Bolle, C.A., Bouché, C.D.
Askenasy, E. *see* Bornet, É.
Atkinson, G.F. *see* Blakeslee, A.F.
Autran, E.J.B. 21.489
Aveling *see* Bohler, J.
Avery, A.G. 21.469
Avery, B.T. 21.463
Babington, C.C. see Bloxam, A., Borrer, W.
Bach, Th. 21.596
Bäumler, J.A. 20.576
Baker, J.G. *see* Boissier, P.-E.
Balansa, B. 20.974, 21.167, 21.172, 21.873
Baltet, Ch. 21.859
Barberini, F. 22.032
Barbey, W. 20.853; *see* Boissier, P.-E., Bonati, G.H., Beauverd, G.
Barbey-Boissier, W. 20.469, 20.652, 20.853
Barbosa Rodriguez, J. 21.120
Barclay, D. 21.940
Barrett, Ch. 21.989
Bartlett, H.H. 21.439
Bartusch, G. 21.363
Baudin *see* Bory de Saint-Vincent, J.B.G.M. de
Bavoux, V. *see* Billot, P.C.
Beach v. Beach, W.S.
Beach, W.S. *20.459*
Beal v. Beal, W.J.
Beal, W.J. *20.460-20.466*
Beauquesne v. Beauquesne, L.
Beauquesne, L. *20.467*
Beaurieux v. Beaurieux, R.
Beaurieux, R. *20.468*
Beauverd v. Beauverd, G.
Beauverd, G. *20.469-20.493*
Beauverd, G. *see* Bonati, G.H.
Beauverie v. Beauverie, J.
Beauverie, J. *20.494-20.499*
Beauvis. v. Beauvisage, G.E.C.
Beauvis., L. v. Beauvisage, L.
Beauvisage, G.E.C. *20.500-20.506*
Beauvisage, L. *20.507-20.508*
Beauvisagea see Beauvisage, G.E.C.
Bebb v. Bebb, M.S.
Bebb, M.S. *20.509*
Becc. v. Beccari, O.
Beccari, O. *20.510-20.552*
Bech. v. Becherer, A.
Becherer, A. *20.553-20.573*
Bechtel v. Bechtel, A.R.
Bechtel, A.R. *20.574*
Beck v. Beck, G.
Beck, G. *20.575-20.629*; 20.576
Beck, L.C. *20.630*
Becker v. Becker, Johannes
Becker, A. *20.631-20.641*
Becker, A.K. v. Becker, A.
Becker, C. *20.642*
Becker, G. *20.643-20.645*
Becker, H. *20.646*
Becker, H.F. *20.647*
Becker, Johanna *20.648*
Becker, Johannes (*alph.*)
Becker, Kaspar *see* Becker, A.
Becker, K.E. *20.649*
Becker, L. *20.650*
Becker, M.A. von 20.580; *see* Beck, G.
Becker, W. *20.651-20.677*
Beckett v. Beckett, T.W.N.
Beckett, T.W.N. *20.678*
Beckh. v. Beckhaus, K.
Beckhaus, K. (*alph.*)
Becking, J.H. *20.679-20.680*
Beckm. v. Beckmann, J.
Beckm., P. v. Beckmann, P.
Beckmann, J. *20.681-20.682*
Beckmann, P. *20.683*
Beckmannia see Beckmann, J.
Bedd. v. Beddome, R.H.
Beddome, R.H. (*alph.*)
Beeby v. Beeby, W.H.
Beeby, W.H. *20.684-20.686*
Beechey v. Beechey, F.W.
Beechey, F.W. *20.687*
Beek, A. von *see* Bergsma, C.A.
Beekman v. Beekman, W.L.
Beekman, H.A.J.M. *20.688*
Beekman, W.L. *20.689*
Beeldsnijder v. Beeldsnijder, G.J.

Beeldsnijder, G.J. *20.690*
Beer v. Beer, J.G.
Beer, J.G. *20.691-20.693*
Beetle v. Beetle, A.A.
Beetle, A.A. *20.694*
Bég. v. Béguinot, A.
Beger v. Beger, H.K.E.
Beger, H.K.E. *20.695-20.697*
Bégué v. Bégué, L.H.
Bégué, L.H. *20.698*
Béguinot, A. *20.699-20.754*
Béhéré v. Béhéré, J.B.J.
Béhéré, J.B.J. *20.755*
Behlau v. Behlau, J.A.
Behlau, J.A. *20.756*
Behm, M. *20.757*
Behr v. Behr, H.H.
Behr, H.H. (*alph.*)
Behrendsen v. Behrendsen, W.
Behrendsen, [A.W.] O. *20.758*
Behrendsen, W. *20.759-20.764*
Behrens, [G.] W.J. *20.768-20.774*
Behrens, J. v. Behrens, J.A.
Behrens, J.A. *20.765-20.767*
Behuneck v. Behuneck, H.
Behuneck, H. *20.775*
Beij. v. Beijerinck, M.W.
Beij., W. v. Beijerinck, W.
Beijerinck, M.W. *20.776-20.783*
Beijerinck, W. *20.784-20.789*
Beille v. Beille, L.
Beille, L. *20.790-20.792*
Beilschm. v. Beilschmied, C.T.
Beilschmied, C.T. *20.793-20.794*
Beilschmied, K.T. *v.* Beilschmied, C.T.
Beinert v. Beinert, C.C.
Beinert, C.C. *20.795*
Beinling, E. *20.796*
Beinling, Ernst *see* Beinling, E.
Beinling, T.R.B. *20.797-20.798*
Beinling, Th. v. Beinling, T.R.B.
Beissn. v. Beissner, L.
Beissner, L. *20.799-20.800*
Bel v. Bel, J.
Bel, J. *20.801-20.802*
Bél. v. Bélanger, C.P.
Bélanger, C.P. (*alph.*)
Belèze v. Belèze, M.
Belèze, M. *20.803-20.806*
Bell, H.P. *20.807*
Bellairs v. Bellairs, N.M.S.
Bellairs, N.M.S. *20.808*
Bellardi v. Bellardi, C.A.L.
Bellardi, C.A.L. *20.809-20.810*
Bellermann v. Bellermann, J.B.
Bellermann, J.B. *20.811*
Belli v. Belli, S.C.
Belli, S.C. *20.812-20.821*
Bellynck v. Bellynck, A.A.A.A.
Bellynck, A.A.A.A. *20.822-20.825*
Bender, C.B. *20.826*
Bendrat v. Bendrat, T.A.
Bendrat, T.A. *20.827*
Benecke v. Benecke, F.
Benecke, [F.] W. *20.831-20.832*
Benecke, F. *20.828-20.830*
Benedict v. Benedict, R.C.
Benedict, R.C. *20.833-20.837*
Benn. v. Bennett, J.J.
Benn., A. v. Bennett, A.
Benn., A.W. v. Bennett, A.W.
Benn., G. v. Bennett, G.
Benner, E. *20.838*
Bennet, J.A. 21.609
Bennett, A. *20.850-20.856*
Bennett, A.W. *20.839-20.849*
Bennett, G. *20.857*
Bennett, J.J. (*alph.*)
Benoist v. Benoist, R.
Benoist, R. *20.858-20.867*
Bensemann v. Bensemann, H.
Bensemann, H. *20.868*
Benson, G.T. *20.869*
Benth. v. Bentham, G.
Bentham, G. *20.870-20.885*
Bentley v. Bentley, R.
Bentley, H.L. *20.886*
Bentley, R. *20.887-20.888*
Bentzel-Sternau v. Bentzel-Sternau, A.
Bentzel-Sternau, A. *20.889*
Benz v. Benz von Albkron, R.
Benz von Albkron, R. *20.890-20.891*
Benze v. Benze, W.
Benze, W. *20.892*
Bercht. v. Berchtold, F.
Berchthold, F. *see* Berchtold, F.
Berchtold, F. *20.893*
Berens v. Berens, R. von
Berens, R. von *20.894*
Berg v. Berg, E. von
Berg, A. *20.895*
Berg, C. *20.896*
Berg, E. von *20.897-20.899*
Berg, F.G.C., *v.* Berg., C.
Berg, F.W.C., *v.* Berg., C.
Berg, O. v. Berg, O.C.
Berg, O.C. *20.900-20.902*

Berg, O.G.J. *20.903*
Bergdolt v. Bergdolt, E.
Bergdolt, E. *20.904-20.905*
Berge, [C.] F.[W.] *20.906*
Berge, H. *20.907-20.909*
Bergen, H. von *20.910*
Bergendal v. Bergendal, D.
Bergendal, D. *20.911*
Bergenthal v. Bergenthal, W.
Bergenthal, W. *20.912*
Berger, A. *20.913-20.923*
Berger, L.G. den *20.924-20.927*; 20.679
Bergevin v. Bergevin, E. de
Bergevin, E. de *20.928-20.929*
Berggr. v. Berggren, S.
Berggren, S. *20.930-20.939*
Bergh v. Bergh, R.S.
Bergh, R.S. *20.940-20.941*
Berghaus v. Berghaus, H.K.W.
Berghaus, H.K.W. *20.942*
Berghuis v. Berghuis, S.
Berghuis, S. *20.943*
Bergman, E. *20.944-20.947*
Bergman, H.F. *20.948-20.950*
Bergnes, A.D. 21.472
Bergroth v. Bergroth, [J.] O.
Bergroth, [J.] O. *20.951*
Bergsma v. Bergsma, C.A.
Bergsma, A.J. *20.952*
Bergsma, C.A. *20.953-20.954*; 21.825
Bergsmia see Bergsma, C.A.
Berhaut v. Berhaut, J.[P.]
Berhaut, J.[P.] (*alph.*)
Berher, E.-L. *20.955-20.956*
Berk. v. Berkeley, M.J.
Berkeley, M.J. *20.957-20.964*
Berkenkamp v. Berkenkamp, W.A.
Berkenkamp, W.A. *20.965*
Berkovcová, A. *v.* Berkovec, A.
Berkovec v. Berkovec, A.
Berkovec, A. *20.966*
Berl. v. Berlese, A.N.
Berl., L. v. Berlese, L.B.
Berlese, A.N. *20.967-20.987*
Berlese, L.B. *20.988-20.989*
Berlin v. Berlin, [J.] A.
Berlin, [J.] A. *20.990-20.991*
Bermann v. Bermann, P.
Bermann, P. *20.992*
Bernard v. Bernard, P.F.
Bernard, A.C.I. *20.993*
Bernard, C.[J.]. *20.994-21.001*
Bernard, G.[E.]. *21.002*
Bernard, N. *21.003-21.005*
Bernard, P.F. *21.006*
Bernátzky v. Bernátzsky, J.E.
Bernátzsky, J.E. *21.007-21.014*
Berner v. Berner, L.
Berner, L. *21.015*
Bernet v. Bernet, H.
Bernet, H. (*alph.*)
Bernet, M. *see* Bernet, H.
Bernh. v. Bernhardi, J.J.
Bernhardi, J.J. *21.016-21.020*; *see* Blanchet, J.S.
Bernhardi, T. *see* Bernhardi, J.J.
Bernimolin v. Bernimolin, H.
Bernimolin, H. *21.021*
Bernoulli v. Bernoulli, K.G.
Bernoulli, C.G. *v.* Bernoulli, K.G.
Bernoulli, K.G. *21.022*
Bernstein v. Bernstein, H.A.
Bernstein, H.A. *21.023*
Bernstein, M. *21.024*
Berridge v. Berridge, E.M.
Berridge, E.M. *21.025-21.026*
Berro v. Berro, M.B.
Berro, M.B. *21.027-21.028*
Berry, E.C. *21.029*
Berry, E.W. *21.030-21.078*
Berry, E.W., Jr. *see* Berry, E.W.
Bertero v. Bertero, C.G.
Bertero, C.G. (*alph.*)
Berthault, P. *21.079*
Berthel. v. Berthelot, S.
Berthelot, S. *21.080-21.081*
Berthold v. Berthold, G.D.W.
Berthold, C.[I] *21.082*
Berthold, C.[II] *21.083*
Berthold, G.D.W. *21.084-21.088*
Berthoum. v. Berthoumieu, G.V.
Berthoumieu, G.V. *21.089*
Bertol. v. Bertoloni, A.
Bertol., A., Jr. v. Bertoloni, A., Jr.
Bertol., G. v. Bertoloni, G.
Bertoloni, A. *21.090-21.106*; *see* Beccari, O.
Bertoloni, A., Jr. *21.107-21.109*
Bertoloni, G. *21.110-21.116*; *see* Bertoloni, A.
Bertoni v. Bertoni, M.S.
Bertoni, M.S. *21.117-21.125*
Bertram v. Bertram, F.W.W.
Bertram, F.W.W. *21.126*
Bertrand, C.E. *21.127-21.139*; *see* Bertrand, P.C.E.
Bertrand, P.C.E. *21.140-21.147*; 21.138
Bertsch v. Bertsch, K.
Bertsch, F. 21.157
Bertsch, K. *21.148-21.159*
Besch. v. Bescherelle, É.

Bescherelle, É. *21.160-21.190*
Besnard v. Besnard, A.F.
Besnard, A.F. *21.191*
Besnou v. Besnou, L.
Besnou, L. *21.192-21.194*
Besse v. Besse, F.M.
Besse, F.M. *21.195*
Besser v. Besser, W.S.J.G. von
Besser, J.F. *21.196*
Besser, W.S.J.G. von *21.197*
Bessey v. Bessey, C.E.
Bessey, C.E. *21.198-21.216*; *see* Bessey, E.A.
Bessey, E.A. *21.217-21.220*; 21.214
Best v. Best, G.N.
Best, G.N. *21.221-21.226*
Betcke v. Betcke, E.F.
Betcke, E.F. (*alph.*)
Bethel v. Bethel, E.
Bethel, E. (*alph.*)
Bethge v. Bethge, H.
Bethge, H. *21.227-21.232*
Bethke v. Bethke, A.
Bethke, A. *21.233*
Bettelini v. Bettelini, A.
Bettelini, A. *21.234*
Bettenfeld, M. 20.860
Bettini, C. 21.100, 21.105
Beumée v. Beumée, J.G.B.
Beumée, J.G.B. *21.235-21.237*
Beurl. v. Beurling, P.J.
Beurling, P.J. *21.238-21.239*
Beust v. Beust, F. von
Beust, F. von *21.240-21.241*
Bevis, J.F. *21.242*
Bews v. Bews, J.W.
Bews, J.W. *21.243-21.250*
Beyer v. Beyer, R.
Beyer, H.R. *21.251*
Beyer, H.R. v. Beyer, H.R.
Beyer, R. *21.252-21.257*
Beyerinck, M.W. *v.* Beijerinck, M.W.
Beyma thoe Kingma, F.H. *21.258*
Beyma, J.F.H. v. Beyma thoe Kingma, F.H.
Beyr. v. Beyrich, H.K.
Beyrich, H.K. (*alph.*)
Beyse v. Beyse, G.H.
Beyse, G.H. *21.259-21.260*
Bhâradwâja v. Bhâradwâja, Y.
Bhâradwâja, Y. *21.261-21.267*
Bhasyakarla Rao, C. 21.266
Bhide, R.K. 21.525
Biasol. v. Biasoletto, B.[A.]
Biasoletto, B.[A.] (*alph.*)
Bicknell, C. (*alph.*)
Bicknell, E.P. *21.268-21.273*
Bidermann v. Bidermann, J.
Bidermann, J. *21.274*
Bidwill v. Bidwill, J.C.
Bidwill, J.C. *21.275*
Biebl v. Biebl, R.
Biebl, R. *21.276-21.279*
Bielef. v. Bielefeld, R.
Bielefeld, R. *21.280-21.282*
Bien. v. Bienert, T.
Bienert, T. *21.283*
Biermann v. Biermann, M.
Biermann, M. *21.284*
Biers v. Biers, [D.] P.[M.]
Biers, [D.] P.[M.] *21.285-21.287*
Bigeard v. Bigeard, R.
Bigeard, R. *21.288-21.290*
Bigelow v. Bigelow, J.
Bigelow, J. *21.291-21.293*
Bigelow, J.M. (*alph.*)
Bigsby v. Bigsby, J.J.
Bigsby, J.J. (*alph.*)
Bijh. v. Bijhouwer, J.T.P.
Bijhouwer, J.T.P. *21.294*
Bilancioni v. Bilancioni, G.
Bilancioni, G. *21.295*
Billberg, J.I. 21.238
Billerbeck v. Billerbeck, J.H.L.
Billerbeck, J.H.L. *21.296*
Billing v. Billing, O.
Billing, O. *21.297*
Billings, F.H. *21.298*
Billings, W.D. *21.299*
Billington v. Billington, C.
Billington, C. *21.300-21.302*
Billot v. Billot, P.C.
Billot, P.C. (*alph.*)
Bingham, M.T. *21.303*
Binn. v. Binnendijk, S.
Binnendijk, S. (*alph.*)
Binney v. Binney, E.W.
Binney, E.W. (*alph.*)
Binz v. Binz, A.
Binz, A. *21.304-21.307*; *see* Becherer, A.
Bioret v. Bioret, G.F.M.
Bioret, G.F.M. *21.308-21.312*
Birge v. Birge, W.I.
Birge, W.I. *21.313*
Birger v. Birger, S.B.G.
Birger, S.B.G. *21.314-21.328*
Biria v. Biria, J.A.
Biria, J.A. *21.329*
Birkenhead v. Birkenhead, J.
Birkenhead, J. *21.330*

Birnie v. Birnie, S.
Birnie, S. *21.331*
Birnstiel v. Birnstiel, W.R.
Birnstiel, W.R. *21.332*
Biroli v. Biroli, G.
Biroli, G. *21.333*
Bisby v. Bisby, G.R.
Bisby, G.R. *21.334-21.337*
Bisceglie v. Bisceglie, V.
Bisceglie, V. *21.338*
Bisch. v. Bischoff, G.W.
Bischler, H. *see* Bonner, C.E.B.
Bischoff, G.W. *21.339-21.343*
Bisschop v. Bisschop van Tuinen, K.
Bisschop van Tuinen, K. *21.344*
Biswas v. Biswas, K.P.
Biswas, K.P. *21.345-21.358*
Bitter v. Bitter, [F.A.] G.
Bitter, [F.A.] G. *21.359-21.379*
Biv. v. Bivona-Bernardi, A.
Bivona, A. *see* Bivona-Bernardi, A.
Bivona-Bernardi, A. *21.380*
Bizot v. Bizot, M.[L.J.]
Bizot, M.[L.J.] *21.381-21.386*
Bizz. v. Bizzozero, G.
Bizzozero, G. *21.387*
Björkenheim v. Björkenheim, R.[E.R.]
Björkenheim, R.[E.R.] *21.388*
Björklund, K. v. Björklund, K.[D.J.K.]
Björklund, K.[D.J.K.] *21.389*
Björkman, G. *21.390*
Bjørnstr. v. Bjørnström, F.J.
Bjørnström, F.J. (*alph.*)
Bjurzon v. Bjurzon, J.
Bjurzon, J. *21.391*
Blaauw v. Blaauw, A.H.
Blaauw, A.H. *21.392-21.393*
Black, J.M. *21.394-21.398*
Blackburn, K.B. *21.399-21.400*
Blackman, V.H. *21.401-21.403*
Blaese v. Blaese, G.H.
Blaese, G.H. *21.404*
Blainv. v. Blainville, H.M.D. de
Blainville, H.M.D. de (*alph.*)
Blake, S.F. *21.405-21.444*
Blake, S.T. *21.445-21.450*
Blakely v. Blakely, W.F.
Blakely, W.F. *21.451-21.454*
Blakeslee v. Blakeslee, A.F.
Blakeslee, A.F. *21.455-21.473*
Blanc, L. *21.474-21.478*
Blanc, Léon *see* Blanc, L.
Blanch., F.N. v. Blanchard, F.N.
Blanchard, F.N. *21.479*
Blanche v. Blanche, E.-L.
Blanche, [C.] I. *21.480*
Blanche, E.-L. *21.481-21.482*
Blanchet v. Blanchet, J.S.
Blanchet, C. *21.483*
Blanchet, J.S. (*alph.*)
Blanchet, R. *21.484-21.486*
Blandow v. Blandow, O.C.
Blandow, O.C. *21.487*
Blanf. v. Blanford, H.F.
Blanford, H.F. *21.488-21.490*
Blank, F. *21.491*
Blank. v. Blankinship, J.W.
Blankinship, J.W. *21.492-21.497*
Blaringhem v. Blaringhem, L.F.I.
Blaringhem, L.F.I. *21.498-21.510*
Blasdale v. Blasdale, W.C.
Blasdale, W.C. *21.511*
Blasquez, I. 21.512
Blasquez, P. *21.512*
Blatt. v. Blatter, E.
Blatter, E. *21.513-21.526*
Blau, [E.] O.[F.H.] *21.527*
Blau, J. *21.528*
Blechingberg v. Blechingberg, W.A.
Blechingberg, W.A. *21.529*
Bleicher v. Bleicher, M.G.
Bleicher, J. *21.530*
Bleicher, M.G. *21.531*
Bleier v. Bleier, H.
Bleier, H. *21.532-21.535*
Blenk v. Blenk, P.
Blenk, P. *21.536*
Blewitt v. Blewitt, A.E.
Blewitt, A.E. *21.537*
Bley, F. *21.538*
Bley, F.(Brocken) *21.539*
Bliding v. Bliding, C.V.
Bliding, C.V. *21.540-21.541*
Bliedner v. Bliedner, A.
Bliedner, A. *21.542-21.544*
Blinks, A.C. 21.546
Blinks, L.R. *21.545-21.546*
Bloch, O. *21.547*
Blochm. v. Blochmann, F.
Blochmann, F. *21.548*
Blochmann, K.J. *see* Blochmann, F.
Blochmannia see Blochmann, F.
Blochwitz v. Blochwitz, A.
Blochwitz, A. *21.549-21.558*
Blocki v. Blocki, B.
Blocki, B. *21.559-21.561*
Blodgett v. Blodgett, F.H.
Blodgett, F.H. *21.562-21.564*

Blodig v. Blodig, C.H.
Blodig, C.H. *21.565*
Bloemb. v. Bloembergen, S.
Bloembergen, S. *21.566-21.568*
Blom, C.[H.] *21.569-21.585*
Blomb. v. Blomberg, O.G.
Blomb., C.A. v. Blomberg, C.A.
Blomberg, C.A. *21.586*
Blomberg, O.G. *21.587-21.588*
Blomq. v. Blomqvist, S.G.K.G.
Blomq., A.G. v. Blomqvist, A.G.
Blomq., H.L. v. Blomquist, H.L.
Blomquist, H.L. *21.589-21.590*
Blomqvist, A.G. *21.591*
Blomqvist, S.G.K.G. *21.592-21.593*
Blonde *see* Bloxam, A.
Bloomfield v. Bloomfield, E.N.
Bloomfield, E.N. *21.594*
Blossom 20.687; *see* Beechey, F.W.
Blottner v. Blottner, K.L.
Blottner, K.L. *21.595*
Bloxam, A. (*alph.*)
Blücher v. Blücher, H.
Blücher, H. *21.596-21.597*
Bluff v. Bluff, M.J.
Bluff, M.J. *21.598*
Blum, I.["J."] *21.599*
Blume v. Blume, C.L.
Blume, C.L. *21.600-21.608*
Blume, K.L. *v.* Blume, C.L.
Blumenbach v. Blumenbach, J.F.
Blumenbach, J.F. *21.609*
Blumenhain v. Blumenhain, E.H.
Blumenhain, E.H. *21.610*
Blumer v. Blumer, J.C.
Blumer, J.C. *21.611*
Blumer, S. *21.612-21.620*
Blumr. v. Blumrich, J.
Blumrich, J. *21.621*
Blytia see Blytt, M.N.
Blytt v. Blytt, M.N.
Blytt, A.G. *21.622-21.644*
Blytt, M.N. *21.645-21.646*; *see* Blytt, A.G.
Boas, F. *21.647-21.649*
Boberski v. Boberski, L.
Boberski, L. *21.650*
Boberski, W. *v.* Boberski, L.
Bobilioff v. Bobilioff-Preisser, W.
Bobilioff-Preisser, W. *21.651-21.655*
Bobisut v. Bobisut, O.
Bobisut, O. *21.656*
Bobrov v. Bobrov, E.G.
Bobrov, E.G. (*alph.*)
Bochkoltz v. Bochkoltz, W.C.
Bochkoltz, W.C. *21.657-21.658*
Bochmann v. Bochmann, F.
Bochmann, F. *21.659*
Bock, R. *21.660*
Bock, W. *21.661*
Bocq. v. Bocquillon, H.T.
Bocquillon, H.T. *21.662-21.665*
Bodard v. Bodard, P.H.H.
Bodard, P.H.H. *21.666-21.668*
Boden, F. *21.669*
Bodmann v. Bodmann, H.
Bodmann, H. *21.670*
Bodmer, H. *21.671*
Böcher v. Böcher, T.W.
Böcher, T.W. *21.672-21.677*
Boeck. v. Böckeler, [J.] O.
Böckel v. Böckel, G.
Böckel, G. *21.678*
Boeckeler, [J.] O. *v.* Böckeler, [J.] O.
Böckeler, [J.] O. *21.679-21.683*
Boedijn v. Boedijn, K.B.
Boedijn, K.B. *21.684-21.739*
Boehm v. Boehm, J.A.
Boehm, J.A. *21.740-21.742*
Boehm. v. Boehmer, G.R.
Boehmer, G.R. *21.743-21.750*
Boelman v. Boelman, H.A.C.
Boelman, H.A.C. *21.751*
Boening v. Boening, R.
Boening, R. *21.752*
Böninger v. Böninger, T.C.
Böninger, T.C. *21.753*
Boenn. v. Boenninghausen, C.M.F. von
Boenninghausen, C.M.F. von *21.754*
Boer, P. de *21.755-21.757*
Boergesen, F.C.E. *v.* Børgesen, F.C.E.
Börgesen, F.C.E. *v.* Børgesen, F.C.E.
Børgesen v. Børgesen, F.C.E.
Børgesen, F.C.E. *21.758-21.818*
Boerker, R.H.D. *21.819*
Boerl. v. Boerlage, J.G.
Boerlage, J.G. *21.820-21.839*
Börner v. Börner, C.J.B.
Börner, B. *see* Börner, C.J.B.
Börner, C.J.B. *21.840-21.842*
Bötticher v. Bötticher, F.R.W.
Bötticher, F.R.W. *21.843*
Boeuf v. Boeuf, F.
Boeuf, F. *21.844-21.845*
Bogdanow, M.[N.] *21.846*
Bogenh. v. Bogenhard, C.
Bogenhard, C. (*alph.*)
Boggiani v. Boggiani, O.
Boggiani, O. (*alph.*)

Bogue v. Bogue, E.E.
Bogue, E.E. *21.847-21.848*
Bohler v. Bohler, J.
Bohler, J. (*alph.*)
Bohlin v. Bohlin, K.H.
Bohlin, E. 22.144
Bohlin, K.H. *21.849-21.854*
Bohnhof v. Bohnhof, E.
Bohnhof, E. *21.855*
Bohnst. v. Bohnstedt, A.R.
Bohnstedt, A.R. (*alph.*)
Bohny v. Bohny, P.
Bohny, P. *21.856*
Boireau v. Boireau, A.
Boireau, A. *21.857*
Bois v. Bois, D.[G.J.M.]
Bois, D.[G.J.M.] *21.858-21.871*
Boisd. v. Boisduval, J.[B.] A.[D.]
Boisduval, J.[B.] A.[D.] de (*alph.*)
Boiss. v. Boissier, P.-E.
Boissier, P.-E. *21.872-21.874*; 20.469, 20.853, 22.218; *see* Bourgeau, E.
Boissieu v. Boissieu, C.V. de
Boissieu, [J.M.A.G.] H. de *21.875-21.889*
Boissieu, C.V. de (*alph.*)
Boistel v. Boistel, A.[B.M.]
Boistel, A.[B.M.] *21.890*
Boitard v. Boitard, P.
Boitard, P. *21.891-21.895*
Boivin v. Boivin, L.H.
Boivin, B. *see* Bourgeau, E.
Boivin, L.H. (*alph.*)
Bojer *see* Bouton, L.
Bojer v. Bojer, W.
Bojer, W. *21.896-21.899*
Bokorny v. Bokorny, T.
Bokorny, T. *21.900*
Bol. v. Bolander, H.N.
Bolander, H.N. *21.901-21.902*
Bold. v. Boldingh, I.
Boldingh, I. *21.903-21.905*
Boldt v. Boldt, J.G.R.
Boldt, C.E.V. *21.906-21.907*
Boldt, J.G.R. *21.908-21.912*
Boll v. Boll, E.F.A.
Boll, E.F.A. *21.913*
Boll, J. *21.914*
Bolle v. Bolle, C.A.
Bolle, C.A. *21.915-21.929*
Bolle, F. v. Bolle, F.F.A.A.
Bolle, F.F.A.A. *21.930-21.931*
Bolle, G. v. Bolle, J.[G.]
Bolle, J.[G.] (*alph.*)
Bolle, K.A. *v.* Bolle, C.A.
Bolle, P.C. *21.932*
Bolleter v. Bolleter, E.
Bolleter, E. *21.933*
Bolton v. Bolton, J.
Bolton, J. (*alph.*)
Bolus v. Bolus, H.
Bolus, F. *see* Bolus, [H.M.] L.
Bolus, H. *21.934-21.940*
Bolus, H. *see* Bolus, [H.M.] L.
Bolus, [H.M.] L. *21.941-21.943*; 21.939
Bolus, L. v. Bolus, [H.M.] L.
Bolzon v. Bolzon, P.
Bolzon, P. *21.944-21.952*
Bom. v. Bomansson, J.O.
Bomansson, J.O. *21.953-21.954*
Bommer, C. v. Bommer, C.[B.J.P.]
Bommer, C.[B.J.P.] *21.955-21.959*
Bommer, J. v. Bommer, J.-E.
Bommer, J.-E. *21.960-21.966*
Bommer, J.-E. *see* Bommer, C.
Bonaf. v. Bonafous, M.
Bonafous, M. *21.967-21.968*
Bonafousia see Bonafous, M.
Bonami, F. *v.* Bonamy, F.
Bonamia see Bonamy, F.
Bonamy v. Bonamy, F.
Bonamy, F. *21.969*
Bonap. v. Bonaparte, R.N.
Bonaparte, L. *see* Bonaparte, R.N.
Bonaparte, R.N. *21.970-21.975*
Bonar v. Bonar, L.
Bonar, L. *21.976-21.977*
Bonati v. Bonati, G.H.
Bonati, G.H. *21.978-21.983*
Bonato v. Bonato, G.A.
Bonato, G.A. *21.984*
Bonavia v. Bonavia, E.
Bonavia, E. *21.985-21.988*
Bond, R.W. *21.989*
Bondam v. Bondam, R.
Bondam, R. *21.990*
Bondar v. Bondar, G.
Bondar, G. *21.991-21.993*
Bong. v. Bongard, A.G.H.
Bongard, A.G.H. *21.994-22.001*
Bonhomme v. Bonhomme, J.
Bonhomme, J. *22.002*
Bonner v. Bonner, C.E.B.
Bonner, C.E.B. *22.003*
Bonnet v. Bonnet, E.
Bonnet, [A.E.] H. *22.045*
Bonnet, C. (*alph.*)
Bonnet, E. *22.004-22.044*
Bonnier 22.057

Bonnier v. Bonnier, G.
Bonnier, G. *22.046-22.060;* 22.416, 22.418
Bonte v. Bonte, L.
Bonte, L. *22.061-22.063*
Booberg v. Booberg, K.G.
Booberg, K.G. *22.064-22.070*
Boodle v. Boodle, L.A.
Boodle, L.A. *22.071-22.079*
Boodlea see Boodle, L.A.
Boodleopsis see Boodle, L.A.
Boom v. Boom, B.K.
Boom, B.K. *22.080-22.082*
Boon Mesch v. Boon Mesch, H.C. van der
Boon Mesch, H.C. van der *22.083-22.084*
Boorsma v. Boorsma, W.G.
Boorsma, W.G. *22.085-22.086*
Boosfeld v. Boosfeld, A.
Boosfeld, A. *22.087*
Boott v. Boott, F.
Boott, F. *22.088-22.089*
Bor v. Bor, N.L.
Bor, N.L. (*alph.*)
Borbás v. Borbás, V. von
Borbás, V. von *22.090-22.116*
Borchmann v. Borchmann, [J.] F.
Borchmann, [J.] F. *22.117*
Borckhausen, M.B. *v.* Borkhausen, M.B.
Bordère v. Bordère, H.
Bordère, H. *22.118*
Bordiga v. Bordiga, B.
Bordiga, B. *22.119*; 22.119
Bordiga, G. 22.119
Boreau v. Boreau, A.
Boreau, A. *22.120-22.130*
Boresch v. Boresch, K.
Boresch, K. *22.131-22.132*
Borg, V.G. *22.133*
Borge v. Borge, O.F.
Borge, O.F. *22.134-22.151*
Borgenstam v. Borgenstam, E.H.
Borgenstam, E.H. *22.152*
Borggreve v. Borggreve, B.R.A.
Borggreve, B.R.A. *22.153*
Borgman v. Borgman, J.A.
Borgman, J.A. *22.154*
Bork. v. Borkowski, R.
Borkh. v. Borkhausen, M.B.
Borkhausen, M.B. *22.155-22.156*
Borkowski, R. *22.157*
Bormann, E. *22.158*
Bormann, J.[E.]. *22.159*
Born, A.A.O. *22.160-22.161*
Bornebusch v. Bornebusch, [A.] C.H.
Bornebusch, [A.] C.H. *22.162*
Bornem., J. v. Bornemann, J.G.
Bornemann, J.G. *22.163*
Bornet v. Bornet, [J.-B.]-É.
Bornet, [J.-B.]-É. *22.164-22.184*
Bornet, É. 22.184
Bornm. v. Bornmüller, J.[F.N.]
Bornmüller, J.[F.N.] *22.185-22.271*
Boros v. Boros, Á.
Boros, Á. *22.272-22.282*
Borrer v. Borrer, W.
Borrer, W. (*alph.*)
Borreria see Borrer, W.
Borshch., G.G. v. Borszczow, G.
Borshch., I.G. v. Borszczow, E.
Borsrzow, E. [or I.] *v.* Borszczow, E.
Borstehof, E. [or I.] *v.* Borszczow, E.
Borszczow, E. *22.283-22.287*
Borszczow, G. *22.288*
Borszczow, G.G. 22.283, 22.284
Bory v. Bory de Saint-Vincent, J.B.G.M. de
Bory de Saint-Vincent, J.B.G.M. de *22.289-22.290*
Borza v. Borza, A.
Borza, A. *22.291-22.294*
Borza, V. 22.292, 22.293
Borzi v. Borzi, A.
Borzi, A. *22.295-22.307*
Bosc v. Bosc, L.-A.-G.
Bosc, L.-A.-G. *22.308*
Bosc d'Antic, L.-A.-G. *v.* Bosc, L.-A.-G.
Bosch v. Bosch, R.B. van den
Bosch, R.B. van den *22.309-22.314*
Bose v. Bose, S.R.
Bose, G.C. *22.315*
Bose, S.R. *22.316-22.322*
Bosse v. Bosse, J.F.W.
Bosse, J.F.W. *22.323*
Bossh. v. Bosshard, W.
Bosshard, W. *22.324*
Bossin v. Bossin, M.
Bossin, M. *22.325*
Bossler v. Bossler, L.
Bossler, L. *22.326*
Bossu v. Bossu, A.F.
Bossu, A.F. *22.327*
Bosw. v. Boswell, H.
Boswell, H. *22.328*
Bott. v. Bottini, A.[M.]
Bottini, A.[M.] *22.329-22.339*
Boubier v. Boubier, A.M.
Boubier, A.M. *22.340-22.343*
Bouché v. Bouché, P.C.
Bouché, C.D. (*alph.*); *see* Bouché, P.C.
Bouché, P.C. *22.344*; *see* Bouché, C.D.

Bouché, P.K. *v.* Bouché, P.C.
Bouchea see Bouché, C.D.
Boucher v. Boucher de Crèvecoeur, J.A.G.
Boucher de Crèvecoeur, J.A.G. (*alph.*)
Boud. v. Boudier, [J.L.] E.
Boudier, [J.-L.] E. *22.345-22.364*
Boudier, J.L.M. 21.290
Boué v. Boué, A.
Boué, A. *22.365*
Bouea see Boué, A.
Bouillat v. Bouillat, M.E.
Bouillat, M.E. *22.366*
Bouillenne v. Bouillenne, R.
Bouillenne, R. *22.367-22.375*
Bouisson v. Bouisson, A.G.
Bouisson, A.G. *22.376*
Boul. v. Bouloumoy, L.
Boulanger v. Boulanger, É.
Boulanger, É. *22.377-22.380*
Boulay v. Boulay, N.-J.
Boulay, N.-J. *22.381-22.393*
Boulenger v. Boulenger, G.A.
Boulenger, G.A. *22.394-22.397*
Boulger v. Boulger, G.[E.] S.
Boulger, G.[E.] S. *22.398-22.402*
Boullu v. Boullu, A.É.
Boullu, A.É. *22.403*
Bouloumoy, L. *22.404*
Bouly de Lesdain, M. *22.405-22.422*
Bourd. v. Bourdillon, T.F.
Bourdillon, T.F. *22.423*
Bourdon, R. *22.424*; 22.424
Bourdot v. Bourdot, H.
Bourdot, H. *22.425*
Bourg. v. Bourgeau, E.
Bourgeau, E. (*alph.*)
Bourguignat v. Bourguignat, J.-R.
Bourguignat, J.-R. *22.426*
Boutique v. Boutique, R.
Boutique, R. *22.427*
Bouton v. Bouton, L.
Bouton, L. *22.428-22.430*
Bouvet v. Bouvet, G.
Bouvet, G. *22.431-22.438*
Bouveyron v. Bouveyron, L.
Bouveyron, L. *22.439*
Bouvier v. Bouvier, [J.] L.
Bouvier, [J.] L. *22.440-22.444*
Bové 21.172
Bowdich v. Bowdich, S.
Bowdich, S. (*alph.*)
Bowdich, T.E. *see* Bowdich, S.
Bower v. Bower, F.O.
Bower, F.O. *22.445-22.476*
Bowles v. Bowles, E.A.
Bowles, E.A. *22.477-22.478*
Bowman, P.W. *22.479*
Box v. Box, H.E.
Box, H.E. *22.480*
Boxus v. Boxus, R.
Boxus, R. *22.481*
Boye v. Boye, P.
Boye, P. *22.482*
Boyer, C.S. (*alph.*)
Boyer, G. *22.482-22.485*
Braun, A.C.H. *see* Bouché, C.D.
Brébisson, M. de *see* Blanche, E.-L.
Bredemann *see* Bormann, J.
Breidler, J. 20.581
Breitung *see* Bourgeau, E.
Bresadola, G. 20.979
Britten, J. 20.686; *see* Boulger, G.[E.] S.
Broome, C.E. 20.963-20.964
Brotherus, V.F. 21.799, 21.953
Brouard, A.G.J. 22.415
Brown, R. *see* Bennett, J.J.
Bruehl, P.J. 21.345
Brunelli, G. *see* Béguinot, A.
Bruns, F. 22.237
Buchenau, F.G.P. *see* Bitter, [F.A.] G.
Buhse, F.A. *see* Bienert, T.
Buller, A.H.R. 21.337
Bunge, A.A. von *see* Bienert, T.
Burdet, H.M. *see* Binz, A.
Bureau, L.E. 22.184; *see* Boissieu, H. de
Burgeff, H. 22.251
Burnat, E. 20.566, 20.657
Buscalioni, L. 20.550
Butler, E.J. *see* Bisby, G.R.
Byron, G.A. *see* Bloxam, A.
Cain, R.F. 21.299
Calder, C.C. 21.357
Candolle, A.-P. de 20.566; *see* Boissier, P.-E., Blytt, M.N.
Capitaine, L. 21.889
Cartledge, J.L. 21.466, 21.468, 21.470, 21.472
Castiglioni, L. 22.119
Cayeux, F. 21.859
Chatel, L.R. 22.424
Chaubard, L.A. *see* Bory de Saint-Vincent, J.B.G.M. de
Chevalier, A.J.B. 22.421
Chiovenda, E. *see* Beccari, O.
Chipp, T.F. *see* Bews, J.W.
Chmielewski 20.783
Chodat, R.H. 20.994; *see* Bodmer, H., Boubier, A.M.
Choisy 22.007

Christ, K.H.H. 20.478, 21.489, 21.966; *see* Bommer, J.
Christensen, C. 21.974
Chudeau, R. 22.033, 22.042, 22.044
Churray, P. *see* Bessey, C.E.
Clarion, J. *see* Boreau, A.
Claus *see* Bienert, T.
Cockayne, L. *see* Bower, F.O.
Cohn, F. 20.796; *see* Beinling, E.
Collie, A. *see* Beechey, F.W.
Constantin, J.N. 21.005
Cordies 21.172
Cornaille, F. 21.133-21.135
Cornu, M. 21.859
Correns, C. *see* Benecke, [F.] W.
Correvon, H. 21.859
Cosson, E., S.-J. 21.172
Costantin, S. *see* Bois, D.
Cristofani 22.295
Cuisin, Ch. 22.192
Curran, H.M. 21.414
Cuvier, F. *see* Blainville, H.M.D.
Czurda, V. 22.324
Dahl, O.C. 21.643
d'Albertis, L.M. *see* Beccari, O.
Dalla Torre, K.W. von *see* Bennett, A.W.
d'Almeida, J.F. *see* Almeida, J.F. d'
Daniel, L. 21.510
d'Apréval 21.177
Dass, K.P. 20.531
Dearborn, H.A.S. 20.988
Dearness, J. 21.337
Debeaux 21.172
Decaisne, J. *see* Bornet, É.
Decary 21.975
Decrock, E. 21.474
Delacroix 21.859
De la Perraudière 21.172
Delavay, P.P.J.M. 21.182
Delessert, J.P.B. 20.566, 20.735; *see* Bélanger, C.P., Boissieu, C.V. de
Delestre 21.172
De Notaris, G. 20.968, 22.338
Desbuissons, L. 21.306
Desfontaines, R.L. *see* Boivin, L.H., Boucher de Crèvecoeur, J.A.G.
Dhiem, R. 21.385
Diels, F.L.E. *see* Bergdolt, E., Bolle, F.F.A.
Doumêt Adanson, P.N. *see* Bonnet, E.
Dozy, F. *see* Bosch, R.B. van den
Drake 20.872-20.873
Drapkin 22.422
Drew, W.B. 21.299
Dubois, F.N.A. 21.963; *see* Boitard, P.
Du Buysson, R. 21.089
Dunzinger, G. 21.649
Durand, Th.A. *see* Bommer, J.
Durieu de Maisonneuve, M.C. 21.172
Duveau, J. 21.859
Eeden, F.W. van 21.824
Eichler, A.W. *see* Benze, W.
Elmer, A.D.E. 20.548
Endert, F.H. 20.926
Engelmann, G. *see* Bigelow, J.M., Blankinship, J.W.
Engler, A. *see* Becherer, A., Bitter, [F.A.] G., Bolle, F.F.A., Bornet, É., Borza, A.
Eriksson, S. 21.770
Ernst, A. *see* Bobilioff-Preisser, W.
Faguet 22.345
Faini 20.800
Farnham, M.E. 21.467
Faurie, P.U.J. 21.876-21.880, 21.885
Felippone, F. 20.490
Fenzl, E. *see* Boehm, J.A.
Fieber, F.X. 20.893
Finet, E.A. 21.859, 22.184
Fiori, A. *see* Béguinot, A.
Fischer, C.E.C. *see* Bor, N.L.
Fischer, Ed. *see* Bock, R.
Fitch, C. 21.490
Fitch, J.N. 20.964
Fitch, W.H. 20.880
Fitzgerald, C. *see* Bottini, A.
Flahault, C.H.M. 22.171, 22.173, 22.176, 22.178
Florin, C.F. *see* Borgenstam, E.H.
Forsell, K.B.J. *see* Blomberg, O.G.
Foureau, F. 22.026
Fournier, E.P.N. 21.163; *see* Bescherelle, É.
Franchet, A.R. *see* Boissieu, H. de
Franklin, J. *see* Beechey, F.W.
Fraser, W.P. 21.337
Freeman, R.B. *see* Bloxam, A.
Frémy, P. 21.797
Fries, K.R.E. 22.146
Fritsch, K. 20.594
Gabriel, A. 22.270
Gadeceau, E.J.A. 21.869
Gagnepain, F. *see* Beille, L.
Galzin, A. 22.425
Gandoger 21.172
Gardet, G. 21.381
Gascard, M.A. *see* Blanche, E.-L.
Gauba, E. 22.271
Gavere, C. de 20.943
Gay, J. *see* Boissier, P.-E.
Gazelle *see* Bornet, É.
Gérome, J. 21.859

Gibbs, L.S. *see* Beccari, O.
Gibelli, G. 20.812-20.813, 20.815
Giglioli, E.H. 20.521
Gillet, H. 21.859
Girard, A.Ch. 21.859
Giuseppe, R.E. 20.552
Gleditsch, J.G. 20.894
Gmelin, P.F.F. *see* Boehmer, G.R.
Godefroy, A. 21.859
Goebel, K.I. *see* Boas, F.
Goeppert, H.R. 20.795; *see* Beinling, E.
Goethart, J.W.C. 21.824
Göppert, H.R. *see* Beissner, L.
Gouget 21.172
Gray, A. *see* Beal, W.J.
Greene, A.M. 21.936
Greshoff, M. *see* Boerlage, J.G.
Grosdemange, C. 21.859
Grunow, A. 22.170
Gruvel, A. 22.033
Guiard 22.006
Guillaumin, A. 21.510
Guillemin, H. 21.290
Guion, A. 21.859
Güssow, H.T. 21.337
Guyon 21.172
Gyhr, M. 20.555
Haberlandt *see* Benecke, [F.] W.
Hagena, K. 21.678
Halácsy, E. von 22.187
Hall, H.C. van 20.943; 21.605
Hallberg, F. 21.516-21.520
Hammond, A. 20.964
Hanbury, T. 20.921
Hannig, E. *see* Beck, G.
Hardy, M.E. 21.477
Hariot, P. 21.859
Harms, H.A.T. *see* Bolle, F.F.A.
Hasselt, A.L. van 21.821; *see* Boerlage, J.G.
Haussknecht, H.C. *see* Bornmüller, J..
Hawks, E. 22.402
Haynald, L. 22.091
Hedin, S. 22.151
Hegi, G. *see* Beger, H.K.E., Bergdolt, E.
Henry, L. 21.859
Henshall, H.F. 21.497
Herinq, B. 22.057
Herting, J.P. *see* Böcher, T.W.
Herzog, Th. 22.251
Heslop-Harrison, J.W. 21.399
Hieronymus, G.H.O.W. *see* Bornet, É.
Hiley, W.E. 22.079
Hilsenberg, Ch. *see* Bojer, W.
Hioram 22.420
Hoehne, F.C. 22.150
Hoek, P.P.C. 21.825
Hohenacker, R.F. *see* Becker, A., Boissier, P.-E.
Hollrung, M. *see* Beccari, O.
Holman, R.M. *see* Bonar, L.
Holmen, K. *see* Böcher, T.W.
Hooker, J.D. *see* Beccari, O., Bidwill, J.C.
Hooker, W.J. *see* Beechey, F.W., Boott, F., Borrer, W., Bourgeau, E.
Hor(r), A. *see* Bigelow, J.M.
Hornemann, J.W. *see* Blytt, M.N.
Houard, C. 21.974
Hua, H. 22.184
Humboldt, A. von 20.793; *see* Bernoulli, K.G.
Hummel, D. 22.151
Husemann, Th. 22.345
Husnot, T. 21.164
Hy, F.C. *see* Bioret, G.F.M.
Hyatt, L. 21.221
Hypoblyttia see Blytt, M.N.
Ihering, H. von 21.120
Irmscher, E. *see* Bormann, J.
Jaccard, H. *see* Becherer, A., Bodmer, H.
Jackson, A.B. *see* Bloxam, A.
Jacquin, A. 21.288
Jacquin, N.J. *see* Biasoletto, B.[A.]
Jaczewski, A.L.A. de 22.484
Jakobsen, K. *see* Böcher, T.W.
Janchen, E. 21.014
Jarvis, C.D. 21.462
Jeffery, H.J. 21.242
Jensen, C.E.O. 21.777
Jobin, A. 21.859
Johnston, R.D. 21.452
Jónsson, H. 21.778
Jourdan 21.172
Jung, M.J.-J. 20.989
Jurányi, L. *see* Borbás, V. von
Jussieu, A.L. de *see* Bosc, L.-A.-G., Boivin, L.H., Boreau, A.
Kanjilal *see* Bor, N.L.
Karsten, G. *see* Børgesen, F.C.E., Bessey, E.A.
Keck, K. *see* Boissier, P.-E.
Keller, R. 21.305
Kensit, L. *v.* Bolus, [H.M.] L.
Kersten, O. 21.935
Kiepert, H. 21.527
Kiesling, C.G. *see* Boehmer, G.R.
Kihlman, A.O. 22.139
Kirchner, E.O.O. *see* Blochmann, F.
Kivilinna, K.G. *v.* Borg, VonG.
Klebahn, H. *see* Bormann, J.
Klebs, G.A. 21.499; *see* Bessey, E.A.
Klotzsch, J.F. *see* Bouché, C.D.

Knapp, J.A. 22.223
Knorr, G.W. *see* Boehmer, G.R.
Knowlton, F.H. *see* Berry, E.W.
Kobus, J.D. 21.824
Koch, K.H.E. 20.943, *see* Blume, C.L., Bolle, C.A., Bouché, C.D.
Koch, W. 20.557
Komarov, V.L. *see* Bobrov, E.G.
Koorders, S.H. 21.832, 21.837-21.838, 21.840
Kops, J. *see* Bergsma, C.A.
Kotschy, T. *see* Bienert, T.
Krasser, F. 20.594
Kremer 21.172
Kretzer, F. 21.126
Kühner, R. 21.510
Kunth, C.S. *see* Bouché, C.D.
Lachênée, B. 21.192
Lagorce, J.F. 22.420
Lamarck, J.B.A.P.M. de 22.027
Lamy de la Chapelle, P.M.E. 22.180; *see* Boreau, A.
Laurent, A. 22.038
Laurent, Em. 21.859
Lauterbach, C. *see* Beccari, O.
Lavier-George, L. 21.510
Lay, G.T. *see* Beechey, F.W.
Layens, G. de 22.049, 22.056
Lecomte, H. *see* Beille, L., Benoist, R., Boissieu, H. de, Bonati, G.H.
Lecoq, H. 22.037
Lee, R. *see* Bowdich, S.
Lee, S. *v.* Bowdich, S.
Lees, F.A. 22.328
Lehmann, E. 21.158; *see* Bienert, T.
Lehmann, F.C. 21.186
Lemoine, P. 21.797
Lesd., de v. Bouly de Lesdain, M.
Lesquereux, C.L. *see* Bolander, H.N.
Letourney, A. 21.172
Lettau, G. 20.556
Levier, E. 20.517
Lindley, J. 20.794; *see* Beilschmied, C.T.
Lindman, C.A.M. 22.144
Link, H.I. *see* Bouché, C.D.
Lippi, A. 22.014
Löfgren, A. 22.149
Loos, D. de 21.821
Lorentz, P.G. 20.930
Lowe, J. *see* Bower, F.O.
Ludwig, C.F. 20.894
Ludwig, C.G. *see* Boehmer, G.R.
Ludwig, F. 20.992
Lütken, A. *see* Børgesen, F.C.E.
Macchiati, L. *see* Bottini, A.
MacFarlane, C. 20.807
Magnus, P. 22.187
Magron, J. 21.509
Maiden, J.H. *see* Blakely, W.F.
Maille, A. 21.480
Maire, R. 21.510
Malbranche, A.F. 21.482
Malinvaud, L.J.E. 22.184
Malme, G.O. 22.144
Mangin, L. *see* Biers, [D.] P.[M.], Børgesen, F.C.E.
Marchisio, B. *see* Boggiani, O.
Marryatt, R. 21.452
Marsais, E. 21.510
Marsili, C. 21.113
Martelli, U. 20.551, 20.976
Martius, C.P. *see* Bischoff, G.W.
Marzell, H. *see* Bitter, [F.A.] G.
Massalongo, A.B. 21.174
Massart, J. 21.958
Matson, G.C. 21.049
Maury, P.J.B. 21.128, 22.011, 22.013
May, L.A. 21.293
Mazaea 22.170
Mazé, H.P. 22.170
McCann, C. 21.520, 21.522, 21.524-21.525
Meindersma, H.W. 20.679
Melin, E. 21.509
Mendel 21.510
Merkenschlager, F. 21.648
Metcalf, F.P. 20.950
Métraux 22.422
Meunissier, A. 21.510
Michaud, C. 22.409
Middendorff, A.I. von 22.283
Miège, E. 21.510
Mikan, J.C. *see* Berchtold, F.
Millard, W.S. 21.526
Miquel, F.A.W. 21.825, 22.311; *see* Boer, P. de, Bosch, R.B. van den
Molengraaff, G.A.F 21.824
Montagne, J.P.F.C. 22.290; Bolle, C.A., Bory de Saint-Vincent, J.B.G.M. de, Bosch, R.B. van den
Montrouzier, P.X. 20.504; *see* Beauvisage, G.E.C.
Moreau, F. 21.509
Morren, C.J.É. *see* Berthold, G.D.W.
Morrison, G. 21.469
Mougeot *see* Boivin, L.H.
Mouillefert, P. 21.859
Nanot, J. 21.859
Nathorst, A.G. 21.854
Naudin 21.510

Nees von Esenbeck, C.G.D. 21.600; *see* Bischoff, G.W., Blume, C.L.
Nees von Esenbeck, T.F.L. *see* Bischoff, G.W.
Nersès Diratzouyan, P. 20.741
Neumayer, H. 20.890
Nicaise 21.172
Nielsen, C. 21.631
Nordstedt, C.F.O. 21.760, 21.789; *see* Berggren, S.
Nordstedt, O. *see* Borge, O.F., Bornet, É.
Olivier, G. van 21.609
Oosting, H.J. 21.590
Osswald, A. 21.597
Ostenfeld, C.E.H. 21.763; *see* Børgesen, B.F.C.
Oudemans, C.A.J.A. 21.825
Overeem, C. van 21.684
Ovsiannikow 22.284
Pailleux, A. *see* Bois, D.
Paris 21.172
Pascher, A. *see* Borge, O.F.
Patouillards 21.555
Paulsen, O.V. 21.765, 21.770
Pavard, A. 21.859
Pax, F. *see* Borza, A.
Penzig, O. *see* Borzi, A.
Perkins, J.R. *see* Beccari, O.
Perrin, I.S. *see* Boulger, G.[E.] S.
Petersen, H.E. 21.797, 21.803
Petitmengin, M.G.C. 21.979
Pfeffer, W.F.P. *see* Benecke, [F.] W., Blochwitz, A.
Pfitzer, E.H.H. *see* Benecke, F.
Philibert 21.172
Pichonnier, Ch.L. *see* Boisduval, J.A.
Ping-chang, S. 22.151
Pinoy, E. 21.509
Pittier, H. *see* Bommer, J.
Planet, L. 21.859
Plassard 21.290
Pojer, V. *v.* Bojer, W.
Pool, R.J. *see* Bessey, C.E.
Porsild, M.P. 21.775
Porta, G.B. 20.710
Potonié, H. 20.583; *see* Bernard, C.[J.], Beyer, R.
Potter, T.R. *see* Bloxam, A.
Poussier, A. *see* Blanche, E.-L.
Prantl, K.A.E. *see* Bitter, [F.A.] G., Bolle, F.F.A.
Puel, T. 21.480
Pynaert, E. 21.859
Quélet, L. *see* Bernard, G.[G.]
Radlkofer, L.A.T. *see* Behm, M., Boas, F.
Rahn, K. *see* Böcher, T.W.
Raizada, M.B. *see* Bor, N.L.
Raunkiaer, C.C. 21.799
Rayner, M.C. 21.509
Reboud 21.172
Rechinger, K. *see* Beccari, O.
Rechinger, K.H. 22.271
Redouté, P.J. 21.968
Rees, M. *see* Becker, C.
Regnell 22.144
Reinecke, R. *see* Böckeler, [J.] O.
Reinke, J. *see* Behrens, [G.] W.J., Benecke, [F.] W., Billing, O., Bitter, [F.A.] G.
Reinwardt, C.G.C. *see* Blume, C.L.
Renault, B. 21.128, 21.131-21.132, 21.139
Rettig, F.D. *see* Bischoff, G.W.
Reuter 20.469, 20.853, 21.172
Rock, J. [F.C.] 20.549; *see* Beccari, O.
Rosenfeld *see* Bobilioff-Preisser, W.
Rosenvinge, J.L.A.K. 21.789
Rostrup, F.G.El. 21.632, 21.642
Roumeguère, C. 20.974; *see* Berlese, A.N., Bourdot, H.
Roush, L. *see* Bonar, L.
Rousseau *see* Bommer, J.
Roussel 21.172
Roux, J. 21.973; *see* Bitter, [F.A.] G.
Rouy, G. *see* Bonaparte, R.N., Boulay, N.
Roze, E. 21.859
Rumphius, G.E. *see* Boedijn, K.B.
Russell, R.C. 21.337
Sablon, A.M.L. du 22.058
Sabnis, I.S. 21.524
Saccardo, P.A. 20.707, 21.949; *see* Berlese, A.N., Bizzozero, G.
Sachs, J. *see* Bennett, A.W., Behrens, [G.] W.J.
Sachsen, A. von *see* Biasoletto, B.[A.]
Salwey, T. *see* Bloxam, A.
Sande Lacoste, C.M. van der 21.821
Sarasin, F. 21.973; *see* Bitter, [F.A.] G.
Sauerbeck, F.W. *see* Boulay, N.
Schauinsland 21.363
Schenck, H. *see* Bessey, E.A., Børgesen, F.C.E.
Schenk, A. *see* Borszczow, E.
Scheuermann, R. 22.063
Schiffner, V. 21.164; *see* Blumrich, J.
Schinz, H. 20.697, 21.305
Schischkin, B.K. *see* Bobrov, E.G.
Schlechtendal, D.F.L. von 22.344
Schmid, E. 22.324
Schmidt, C.F. *see* Berg, O.C.
Schmidt, M. 22.163
Schoorel, A.F. 21.739
Schrader, H.A. 21.016
Schrenk, A.G. von *see* Bienert, T.

Schröter, C. *see* Beger, H.K.E.
Schulz, O.E. 22.110
Schulze, E. *see* Benecke, F.
Schumann, K. *see* Beccari, O.
Schur, F. 22.104
Schwarz, O. *see* Bornmüller, J.
Schweinfurth, G. 21.917
Schweinitz, L.D. von 20.962
Schwendener, S. 21.360; *see* Benze, W.
Scott Elliot, G.F. *see* Beccari, O.
Seboth, J. *see* Bennett, A.W.
Seemann, B. *see* Bolle, C.A.
Segonzac, R. de 22.028
Senn, G.A. *see* Becherer, A.
Seringe, N.C. *see* Bourgeau, E.
Seurat, L.G. 22.413
Seymour, F.C. *see* Bicknell, E.P.
Shreve, F. *see* Blodgett, F.H.
Sieber, F.W. *see* Bojer, W.
Simmons, H.G. 21.775
Simonet, M. 21.510
Skottsberg, C. 21.803; *see* Bitter, [F.A.] G., Børgesen, F.C.E.
Skuja, H. 22.324
Skutch, A.F. 21.440
Smith, K.A.H. 21.574, 21.578
Soltwedel, F.W.O. *see* Benecke, F.
Sommier, S. 22.331
Sorauer, P.C.M. *see* Börner, C.J.B.
Sosa-Bourdouil, C. 21.510
Spruce, R. 21.179
Stahl, E. *see* Benecke, [F.] W.
Stakman, E.C. *see* Bisby, G.R.
Staner, P. 22.427
Stearn, W.T. 21.526
Steenis, C.G.G.J. van *see* Bloembergen, S., Blume, C.L.
Steer, E.J. 21.940
Steiger-Finck, E. 20.556
Steinmann, A. 21.705
Sternbeck, J. von 20.761
Sternberg, C. von *see* Bojer, W.
Stevens, O.A. 20.950
Stomps, T.J. *see* Boedijn, K.B.
Strain, B.R. *see* Billings, W.D.
Strauss, T. 22.211, 22.222, 22.229, 22.236
Sturm, J. *see* Blandow, O.C.
Sullivant, W.S. *see* Bolander, H.N.
Suringar, F.W.R. *see* Beijerinck, M.W.
Svoboda, J.G. *see* Bessey, C.E.
Szovits *see* Bienert, T.
Szyszyłowicz, I. von 20.587
Tansley, A.G. *see* Bews, J.W.
Taylor, A. 21.226
Tchikatcheff, P. de *see* Boissier, P.-E.
Teijsmann, J.E. *see* Binnendijk, S.
Temperley, B.N. 21.400
Tempsky, F. *see* Boué, A.
Tertrin, P. 21.859
Thériot, M.H.J. 21.384, 22.324
Thiébaut, C. 22.172
Thiselton-Dyer, W.T. *see* Bennett, A.W.
Thommen, E. *see* Becherer, A.
Thümen, F. *see* Bolle, J.[G.]
Thunberg, C.P. *see* Beurling, P.J.
Thuret, G.A. *see* Bornet, É.
Thysse, J.P. 21.727
Tieghem, P. van *see* Benoist, R.
Torges, E. 22.190
Torrey, J. *see* Bigelow, J.M.
Tournefort, P. de 22.010
Trabut, L. 21.172
Trentepol, J.F. 21.678
Trimen, H. *see* Boulger, G.[E.] S.
Trinius, C.B. *see* Bongard, A.G.H.
Trouessart 21.859
Turner, D. *see* Borrer, W.
Uldall, F.P. 21.765, 21.769; *see* Børgesen, F.C.E.
Umlauft, A. 20.594
Unger, F. *see* Boehm, J.A.
Urban, I. *see* Beccari, O.
Vaccari, A. 20.742
Valeton, Th. *see* Boer, P. de
Vallette, J.L. *see* Boissier, P.-E.
Venables, E. *see* Bloxam, A.
Venturi, G. *see* Bottini, A.
Verbunt, J.A. 21.732
Vesque, M.J. *see* Bornet, É.
Veth, P.J. 21.821
Vilmorin, M. de *see* Bois, D.
Vöchting, H. *see* Benecke, F.
Voglino, P. 20.971, 20.973
Vogt, T.C.A. 21.749
Volkens, G. *see* Beccari, O.
Vries, H. de 21.697; *see* Boedijn, K.B.
Vriese, H. de *see* Binnendijk, S.
Wainio, E. 21.799
Wakker, J. 21.824
Walli, H.J. 21.523
Wallis, S. *v.* Bowdich, S.
Warming, E. 21.760, 21.795; *see* Bennett, A.W., Böckeler, [J.] O.
Waterlot, M.M. 21.975
Wathen, G.A. 21.523
Watson, H.C. *see* Beilschmied, C.T., Bennett, A., Bloxam, A.
Wawra, H. *see* Beck, G.
Webb, P.B. 22.032; *see* Berthelot, S., Boissier,

P.-E., Bourgeau, E.
Webber, H.J. 21.200
Weber 21.859
Weber-van-Bosse, A. 21.797
Weigel, Th.O. *see* Boullu, A.É.
Welch, D.S. 21.472
Welwitsch, F. 20.961
Wendel, A.J. 21.755
Wheeler, C.F. 20.463
Whipple, A.W. *see* Bigelow, J.M.
White, R. *see* Bohler, J.
White, S.A. 21.397
Widder, F. 20.891
Wikström, J.E. *see* Beilschmied, C.T.
Wilhelm Horn *see* Bernhardi, J.J.
Willdenow, C.L. 21.016; *see* Bellardi, C.A.L.
Williams, E.M. 20.963
Winkler, C.G.A. 22.228; *see* Bormann, J., Bornmüller, J.
Winkler, H. *see* Beck, G., Beccari, O.
Wirtgen, P.W. *see* Bogenhard, C.
Wit, H.C.D. de *see* Blume, C.L., Boedijn, K.B.
Wittmack, L. *see* Bitter, [F.A.] G.
Wittrock, V.B. 21.854; *see* Berggren, S., Bornet, É., Borge, O.F.
Wittstein, G.C. *see* Böckel, G.
Wolley-Dod, A.H. 21.937
Woods, A.F. 21.202
Woronow, G.J. 21.436
Wouters, M.J. 21.824
Wrangel, F.A. *see* Beurling, P.J.
Zahlbruckner, A. 20.594, 22.324
Zeiller, C.R. 22.184
Zetterstedt, J.E. *see* Bjørnström, F.J.
Zopf, F.W. *see* Bitter, [F.A.] G.

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